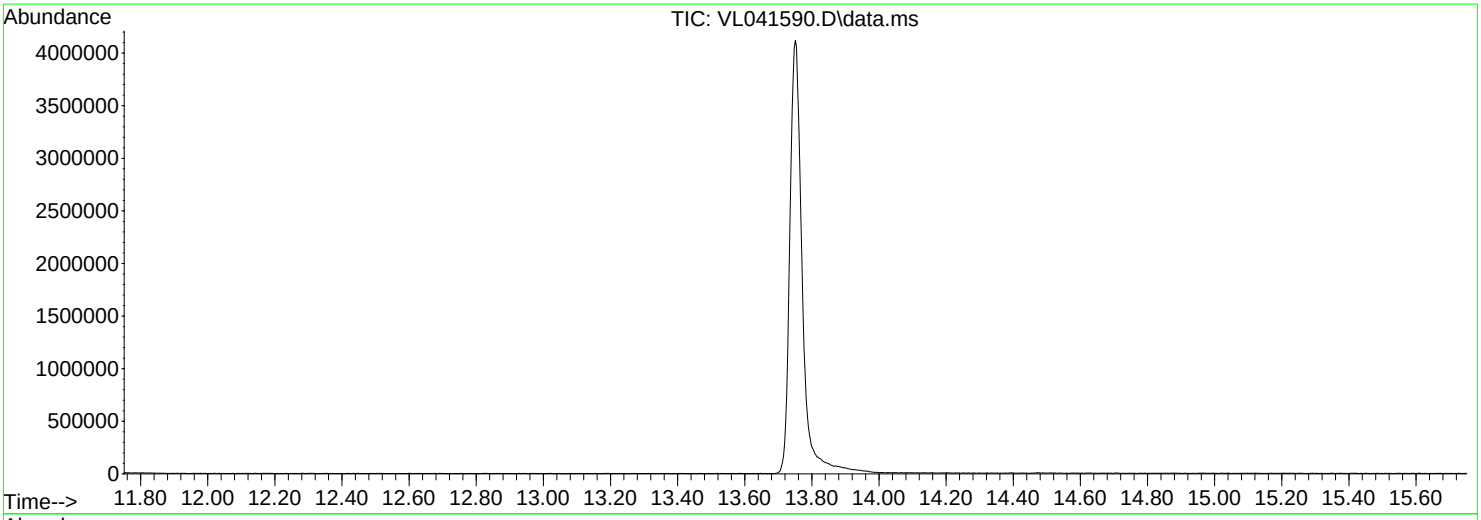
BFB

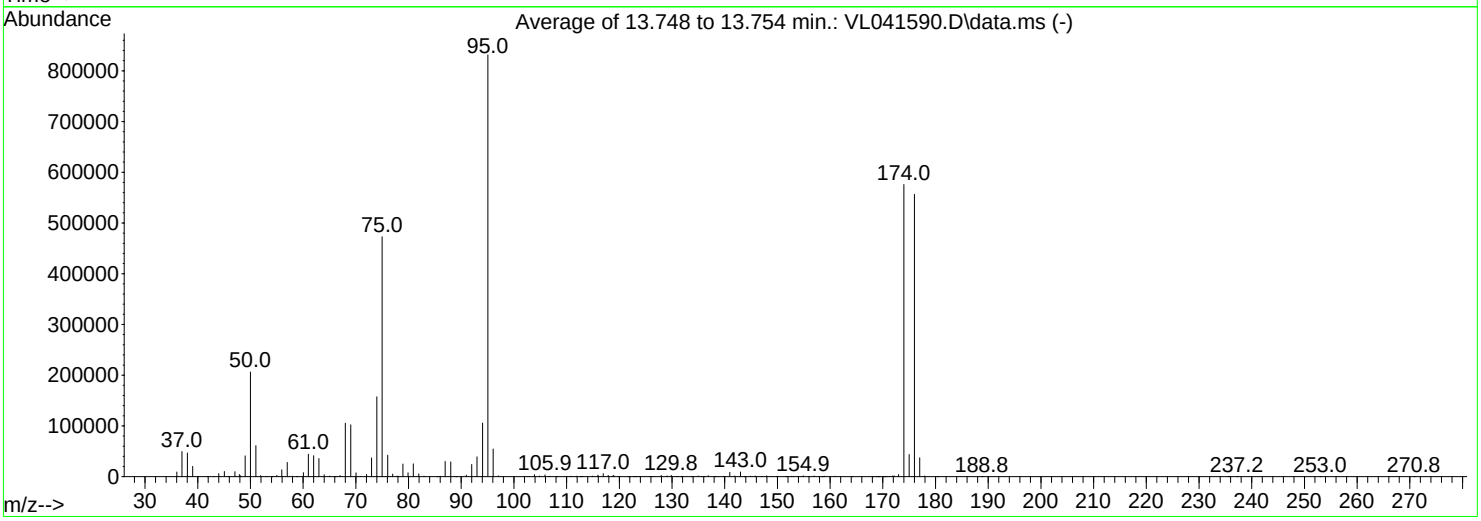
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL091624\
Data File : VL041590.D
Acq On : 16 Sep 2024 11:50
Operator : SY/MD
Sample : BFB
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
BFB

Integration File: RTEINT.P

Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091624AIR.M
Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
Last Update : Tue Sep 17 09:12:21 2024





AutoFind: Scans 3466, 3467, 3468; Background Corrected with Scan 3441

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	8	40	24.8	206293	PASS
75	95	30	66	56.9	472747	PASS
95	95	100	100	100.0	831488	PASS
96	95	5	9	6.6	54749	PASS
173	174	0.00	2	0.7	4144	PASS
174	95	50	120	69.3	576085	PASS
175	174	4	9	7.6	43507	PASS
176	174	93	101	96.6	556480	PASS
177	176	5	9	6.7	37259	PASS

Response Factor Report MSVOA_L

Method Path : Z:\voasrv\HPCHEM1\MSVOA_L\methods\
Method File : VL091624AIR.M
Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
Last Update : Tue Sep 17 09:12:21 2024
Response Via : Initial Calibration

Calibration Files
0.03=VL041597.D 0.1 =VL041596.D 0.5 =VL041591.D 1 =VL041594.D 2 =VL041593.D 10 =VL041592.D 15 =VL041598.D

		Compound	0.03	0.1	0.5	1	2	10	15	Avg	%RSD
1)	I	Bromochloromethane	----------ISTD----------								
2)	T	Dichlorodifluo...			2.008	1.517	1.307	1.311	1.078	1.444	24.33
3)		Chlorodifluoro...			1.427	1.234	1.245	1.104	1.055	1.213	11.94
4)		Chloromethane			0.775	0.677	0.681	0.611	0.592	0.667	10.74
5)	T	Vinyl Chloride	0.459	0.525	0.634	0.633	0.625	0.587	0.580	0.578	11.28
6)	T	Bromomethane			0.325	0.277	0.298	0.274	0.262	0.287	8.62
7)		Chloroethane			0.264	0.222	0.219	0.213	0.205	0.225	10.30
8)	T	Dichlorotetraf...			1.783	1.546	1.526	1.422	1.298	1.515	11.84
9)	T	Propene			0.501	0.517	0.538	0.513	0.489	0.512	3.61
10)	T	Heptane			1.051	1.173	1.259	1.270	1.237	1.198	7.55
11)	T	Trichlorofluor...			1.732	1.636	1.535	1.429	1.353	1.537	9.95
12)	T	1,1,2-Trichlor...			1.226	1.162	1.152	1.040	0.986	1.113	8.77
13)		Ethanol			0.047	0.057	0.046	0.024	0.018	0.038#	42.94
14)	T	Bromoethene			0.429	0.421	0.427	0.423	0.410	0.422	1.76
15)	T	Acetone			1.775	1.244	1.240	1.027	0.990	1.255	24.97
16)	T	1,3-Butadiene			0.674	0.612	0.622	0.579	0.566	0.611	6.93
17)		tert-Butyl alc...			1.085	1.138	1.172	1.090	1.036	1.104	4.75
18)	T	1,1-Dichloroet...			0.463	0.490	0.482	0.476	0.445	0.471	3.79
19)	T	Isopropyl Alcohol			0.690	0.659	0.674	0.625	0.566	0.643	7.61
20)	T	Methylene Chlo...			0.675	0.478	0.453	0.388	0.365	0.472	26.01
21)	T	Allyl Chloride			0.729	0.717	0.763	0.734	0.695	0.728	3.40
22)	T	trans-1,2-Dich...			0.497	0.462	0.488	0.460	0.443	0.470	4.65
23)	T	Vinyl Acetate			0.710	0.652	0.713	0.690	0.688	0.691	3.54
24)	T	1,1-Dichloroet...			1.141	1.056	1.053	0.992	0.939	1.036	7.31
25)	T	Ethyl Acetate			2.106	2.286	2.408	2.286	2.184	2.254	5.08
26)	T	Hexane			0.979	0.924	0.974	0.927	0.895	0.940	3.81
27)	T	Carbon Disulfide			0.865	0.940	1.005	1.108	1.077	0.999	9.93
28)	T	Methyl tert-Bu...			0.628	0.578	0.604	0.558	0.530	0.579	6.60
29)	T	Chloroform			1.715	1.573	1.543	1.457	1.402	1.538	7.81
30)	T	Cyclohexane			0.603	0.670	0.780	0.785	0.785	0.725	11.57
31)	T	cis-1,2-Dichlo...			0.837	0.885	0.948	0.900	0.892	0.892	4.44
32)	T	1,1,1-Trichlor...	1.165	1.138	1.529	1.452	1.479	1.438	1.389	1.370	11.32
33)	I	1,4-Difluorobenzene	----------ISTD----------								
34)	T	2-Butanone			0.521	0.437	0.500	0.470	0.456	0.477	7.07
35)	T	Carbon Tetrach...	0.363	0.395	0.536	0.518	0.555	0.543	0.525	0.491	15.89
36)	T	Benzene			0.640	0.677	0.746	0.714	0.696	0.694	5.71
37)	T	1,2-Dichloroet...			0.409	0.406	0.413	0.399	0.388	0.403	2.48
38)	T	Trichloroethene	0.347	0.305	0.358	0.357	0.394	0.378	0.364	0.358	7.80
39)	T	1,2-Dichloropr...			0.293	0.278	0.297	0.275	0.270	0.283	4.16

Method Path : Z:\voasrv\HPCHEM1\MSVOA_L\methods\
Method File : VL091624AIR.M

40)	T	1,4-Dioxane			0.111	0.100	0.115	0.114	0.093	0.107	9.00
41)	T	Tetrahydrofuran			0.209	0.257	0.272	0.289	0.285	0.262	12.31
42)	T	Bromodichlorom...			0.546	0.557	0.572	0.573	0.554	0.561	2.07
43)		Methyl Methacr...			0.195	0.225	0.261	0.281	0.280	0.249	15.02
44)	T	2,2,4-Trimethy...			1.133	1.210	1.304	1.210	1.150	1.202	5.59
45)	T	t-1,3-Dichloro...			0.146	0.157	0.194	0.247	0.259	0.200	25.54
46)	T	cis-1,3-Dichlo...			0.197	0.256	0.306	0.353	0.355	0.294	22.93
47)	T	1,1,2-Trichlor...			0.297	0.303	0.312	0.299	0.290	0.300	2.69
48)	T	Dibromochlorom...			0.402	0.428	0.461	0.493	0.487	0.455	8.52
49)	T	Bromoform			0.324	0.363	0.401	0.432	0.431	0.390	11.89
50)	T	4-Methyl-2-Pen...			0.616	0.697	0.804	0.793	0.771	0.736	10.74
51)	T	2-Hexanone			0.419	0.510	0.603	0.631	0.622	0.557	16.33
52)	T	Tetrachloroethene	0.218	0.216	0.248	0.268	0.277	0.267	0.266	0.251	9.96
53)	T	Toluene			0.526	0.703	0.806	0.834	0.816	0.737	17.42
54)	T	1,2-Dibromoethane		0.259	0.370	0.379	0.402	0.407	0.399	0.369	15.11
55)	I	Chlorobenzene-d5	----------ISTD----------								
56)		1,1,1,2-Tetrac...			0.421	0.401	0.406	0.378	0.345	0.390	7.55
57)	T	Chlorobenzene			0.793	0.767	0.739	0.685	0.621	0.721	9.51
58)	T	Ethyl Benzene			0.838	1.096	1.179	1.173	1.067	1.070	12.97
59)	T	m/p-Xylene			0.830	0.974	1.061	0.996	0.904	0.953	9.31
60)	T	o-Xylene			0.782	0.931	1.016	0.960	0.878	0.913	9.75
61)	T	Styrene			0.247	0.338	0.413	0.468	0.442	0.382	23.54
62)		Isopropylbenzene			1.282	1.461	1.522	1.394	1.260	1.384	8.14
63)	T	1,1,2,2-Tetrac...	0.418	0.394	0.547	0.532	0.510	0.456	0.413	0.467	13.31
64)		n-propylbenzene			0.308	0.356	0.401	0.375	0.347	0.357	9.56
65)		tert-Butylbenzene			1.181	1.338	1.433	1.256	1.134	1.269	9.47
66)	T	Benzyl Chloride			0.064	0.064	0.065	0.067	0.069	0.066	3.08
67)		sec-Butylbenzene			1.575	1.882	2.001	1.770	1.572	1.760	10.74
68)	S	1-Bromo-4-Fluo...	0.737	0.751	0.749	0.749	0.723	0.744	0.701	0.736	2.47
69)		p-Isopropyltol...			1.164	1.476	1.677	1.481	1.325	1.425	13.46
70)		n-Butylbenzene			1.271	1.572	1.732	1.520	1.368	1.492	12.04
71)		2-Chlorotoluene			0.917	1.047	1.121	1.050	0.957	1.018	8.00
72)	T	4-Ethyltoluene			0.850	1.086	1.197	1.154	1.052	1.068	12.57
73)	T	1,3,5-Trimethy...			0.790	0.975	1.054	0.988	0.907	0.943	10.63
74)	T	1,2,4-Trimethy...			0.986	1.181	1.267	1.095	0.989	1.104	11.09
75)	T	1,3-Dichlorobe...			0.676	0.712	0.766	0.680	0.624	0.692	7.56
76)	T	1,4-Dichlorobe...			0.598	0.708	0.733	0.661	0.614	0.663	8.77
77)	T	1,2-Dichlorobe...			0.687	0.711	0.754	0.658	0.604	0.683	8.25
78)	T	Hexachloro-1,3...			0.607	0.621	0.635	0.491	0.461	0.563	14.33
79)	T	Naphthalene		0.311	0.570	0.869	1.107	1.031	0.985	0.812	38.05
80)	T	Naphthalene,2-...			0.267	0.435	0.613	0.749	0.781	0.569	38.19
81)	T	1,2,4-Trichlor...			0.405	0.503	0.607	0.543	0.524	0.516	14.24

(#) = Out of Range

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL091624\
Data File : VL041591.D
Acq On : 16 Sep 2024 12:36
Operator : SY/MD
Sample : VSTDICC0.5
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 17 07:23:30 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091624AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 1
QLast Update : Tue Sep 17 05:12:12 2024
Response via : Initial Calibration

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 09/17/2024
Supervised By :Mahesh Dadoda 09/17/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	5.166	49	1007876	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.626	114	2828824	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.439	117	2557349	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.751	95	1914464	10.111	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 101.100%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.710	85	101189	0.723	ppbv	96
3) Chlorodifluoromethane	2.655	51	71898	0.601	ppbv	99
4) Chloromethane	2.793	50	39035	0.689	ppbv	90
5) Vinyl Chloride	2.896	62	31972	0.554	ppbv	91
6) Bromomethane	3.099	94	16392	0.584	ppbv	99
7) Chloroethane	3.179	64	13318	0.613	ppbv	98
8) Dichlorotetrafluoroethane	2.835	85	89844	0.600	ppbv	95
9) Propene	2.677	41	25238	0.485	ppbv	88
10) Heptane	7.549	43	52953m	0.447	ppbv	
11) Trichlorofluoromethane	3.539	101	87284	0.576	ppbv	98
12) 1,1,2-Trichlorotrifluo...	4.041	101	61766	0.562	ppbv	93
13) Ethanol	3.227	45	2374m	0.709	ppbv	
14) Bromoethene	3.343	108	21604	0.511	ppbv #	91
15) Acetone	3.455	43	89461	0.777	ppbv	92
16) 1,3-Butadiene	2.967	39	33974	0.578	ppbv	93
17) tert-Butyl alcohol	3.870	59	54674	0.500	ppbv	95
18) 1,1-Dichloroethene	3.861	96	23326	0.483	ppbv	96
19) Isopropyl Alcohol	3.565	45	34766m	0.560	ppbv	
20) Methylene Chloride	3.909	84	34011	0.768	ppbv	93
21) Allyl Chloride	3.976	41	36721	0.501	ppbv	88
22) trans-1,2-Dichloroethene	4.420	96	25050	0.536	ppbv #	81
23) Vinyl Acetate	4.610	43	35784	0.523	ppbv #	87
24) 1,1-Dichloroethane	4.539	63	57495	0.562	ppbv #	95
25) Ethyl Acetate	5.185	43	106139	0.465	ppbv #	95
26) Hexane	5.189	57	49338	0.535	ppbv	90
27) Carbon Disulfide	4.105	76	43606	0.435	ppbv #	87
28) Methyl tert-Butyl Ether	4.571	73	31629m	0.552	ppbv	
29) Chloroform	5.246	83	86434	0.566	ppbv	97
30) Cyclohexane	6.578	84	30381m	0.419	ppbv	
31) cis-1,2-Dichloroethene	5.053	61	42156	0.473	ppbv	93
32) 1,1,1-Trichloroethane	5.979	97	77056	0.568	ppbv	96
34) 2-Butanone	4.777	43	73717m	0.569	ppbv	
35) Carbon Tetrachloride	6.471	117	75844	0.554	ppbv #	94
36) Benzene	6.346	78	90490	0.465	ppbv #	95
37) 1,2-Dichloroethane	5.783	62	57866	0.511	ppbv #	96
38) Trichloroethene	7.269	130	50656m	0.502	ppbv	
39) 1,2-Dichloropropane	7.044	63	41453m	0.523	ppbv	
40) 1,4-Dioxane	7.304	88	15716m	0.554	ppbv	
41) Tetrahydrofuran	5.558	42	29577	0.397	ppbv	96
42) Bromodichloromethane	7.224	83	77287	0.499	ppbv #	96
43) Methyl Methacrylate	7.452	69	27616	0.393	ppbv	95
44) 2,2,4-Trimethylpentane	7.304	57	160219	0.479	ppbv #	90
45) t-1,3-Dichloropropene	8.690	75	20590m	0.367	ppbv	

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL091624\
Data File : VL041591.D
Acq On : 16 Sep 2024 12:36
Operator : SY/MD
Sample : VSTDICC0.5
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 17 07:23:30 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091624AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 1
QLast Update : Tue Sep 17 05:12:12 2024
Response via : Initial Calibration

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 09/17/2024
Supervised By :Mahesh Dadoda 09/17/2024

	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46)	cis-1,3-Dichloropropene	8.121	75	27915	0.331	ppbv		90
47)	1,1,2-Trichloroethane	8.876	97	41983	0.499	ppbv		92
48)	Dibromochloromethane	9.687	129	56924m	0.447	ppbv		
49)	Bromoform	12.375	173	45890m	0.424	ppbv		
50)	4-Methyl-2-Pentanone	8.176	43	87157m	0.424	ppbv		
51)	2-Hexanone	9.555	43	59285m	0.378	ppbv		
52)	Tetrachloroethene	10.587	164	35100m	0.496	ppbv		
53)	Toluene	9.192	91	74445	0.355	ppbv		95
54)	1,2-Dibromoethane	9.983	107	52272m	0.509	ppbv		
56)	1,1,1,2-Tetrachloroethane	11.487	131	53872	0.548	ppbv	#	1
57)	Chlorobenzene	11.503	112	101381m	0.554	ppbv		
58)	Ethyl Benzene	12.063	91	107104	0.390	ppbv		94
59)	m/p-Xylene	12.349	91	212193m	0.867	ppbv		
60)	o-Xylene	13.037	91	99984m	0.428	ppbv		
61)	Styrene	12.876	104	31545	0.319	ppbv		94
62)	Isopropylbenzene	14.005	105	163927	0.462	ppbv		99
63)	1,1,2,2-Tetrachloroethane	13.021	83	69917m	0.592	ppbv		
64)	n-propylbenzene	14.899	120	39445m	0.429	ppbv		
65)	tert-Butylbenzene	16.066	119	151018m	0.474	ppbv		
66)	Benzyl Chloride	16.304	91	8202m	0.484	ppbv		
67)	sec-Butylbenzene	16.616	105	201367	0.442	ppbv		99
69)	p-Isopropyltoluene	16.973	119	148897	0.407	ppbv		94
70)	n-Butylbenzene	17.870	91	162469	0.426	ppbv		98
71)	2-Chlorotoluene	14.780	91	117206m	0.454	ppbv		
72)	4-Ethyltoluene	15.172	105	108676	0.395	ppbv	#	95
73)	1,3,5-Trimethylbenzene	15.333	105	100995m	0.423	ppbv		
74)	1,2,4-Trimethylbenzene	16.079	105	126032	0.442	ppbv		95
75)	1,3-Dichlorobenzene	16.307	146	86427	0.491	ppbv		93
76)	1,4-Dichlorobenzene	16.452	146	76460	0.441	ppbv		87
77)	1,2-Dichlorobenzene	17.117	146	87843m	0.507	ppbv		
78)	Hexachloro-1,3-Butadiene	22.609	225	77655m	0.537	ppbv		
79)	Naphthalene	21.358	128	72907m	0.360	ppbv		
80)	Naphthalene,2-methyl-	24.355	142	34080	0.240	ppbv		92
81)	1,2,4-Trichlorobenzene	21.124	180	51734m	0.392	ppbv		

(#) = qualifier out of range (m) = manual integration (+) = signals summed

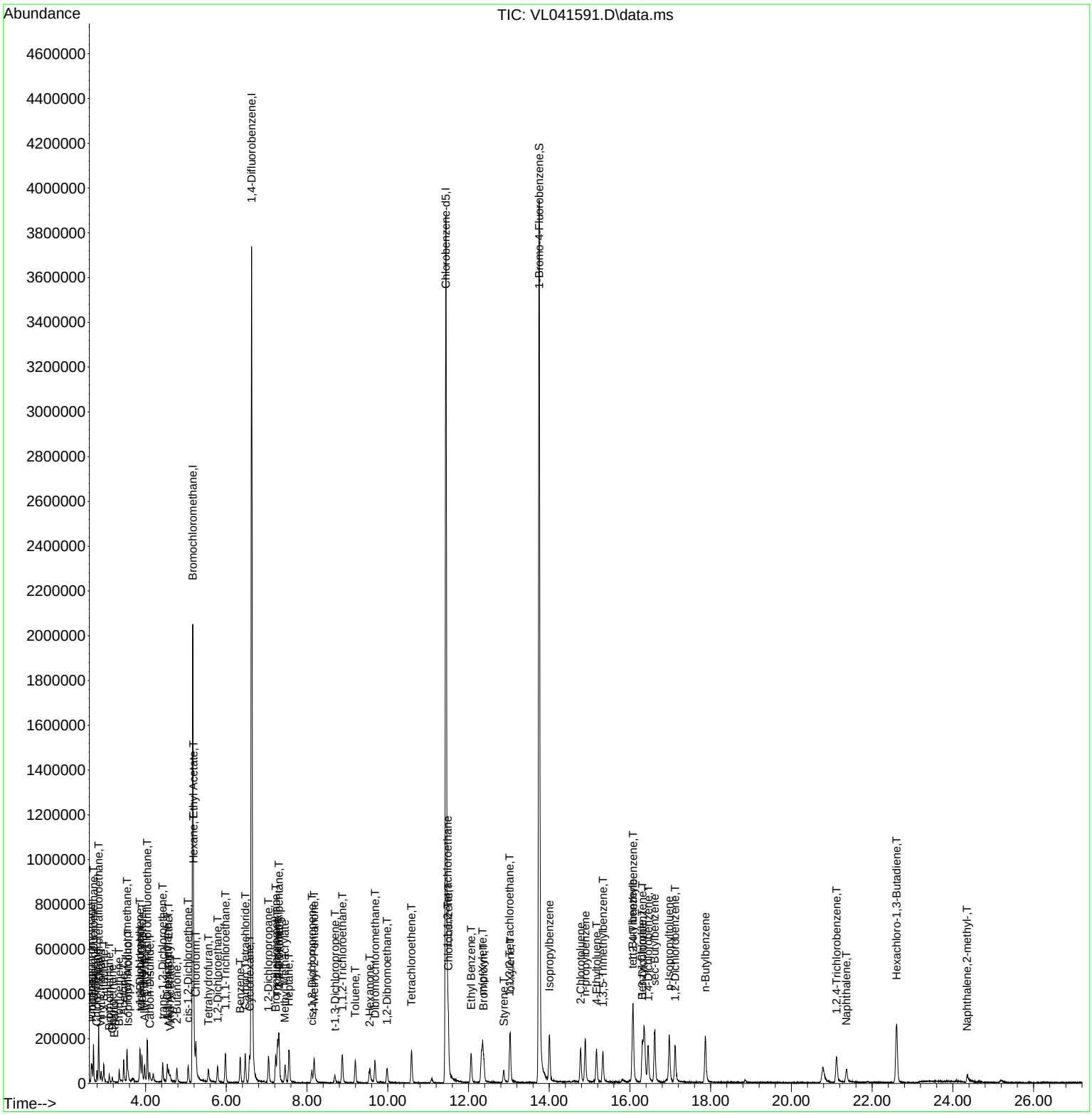
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL091624\
Data File : VL041591.D
Acq On : 16 Sep 2024 12:36
Operator : SY/MD
Sample : VSTDICC0.5
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 17 07:23:30 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091624AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug
QLast Update : Tue Sep 17 05:12:12 2024
Response via : Initial Calibration

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 09/17/2024
Supervised By :Mahesh Dadoda 09/17/2024



Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL091624\
Data File : VL041592.D
Acq On : 16 Sep 2024 13:15
Operator : SY/MD
Sample : VSTDICCC010
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 17 02:35:11 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091624AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 1
QLast Update : Tue Sep 17 02:32:57 2024
Response via : Initial Calibration

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Manual Integrations APPROVED
Reviewed By :Semsettin Yesilyurt 09/17/2024
Supervised By :Mahesh Dadoda 09/17/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	5.169	49	1153662	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.629	114	3191034	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.445	117	3069576m	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.751	95	2284732	9.739	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 97.400%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.709	85	1512734	7.724	ppbv	100
3) Chlorodifluoromethane	2.652	51	1273490	9.220	ppbv	100
4) Chloromethane	2.790	50	704969	9.499	ppbv	100
5) Vinyl Chloride	2.896	62	676970	9.366	ppbv	100
6) Bromomethane	3.095	94	316373	8.660	ppbv	100
7) Chloroethane	3.172	64	246025	9.802	ppbv	100
8) Dichlorotetrafluoroethane	2.835	85	1640863	9.280	ppbv	100
9) Propene	2.671	41	591499	9.296	ppbv	100
10) Heptane	7.555	43	1465058	10.218	ppbv	100
11) Trichlorofluoromethane	3.539	101	1648291	9.296	ppbv	100
12) 1,1,2-Trichlorotrifluo...	4.041	101	1199947	9.385	ppbv	100
13) Ethanol	3.224	45	27404m	5.148	ppbv	
14) Bromoethene	3.343	108	488418	9.820	ppbv	100
15) Acetone	3.443	43	1184767	8.990	ppbv	100
16) 1,3-Butadiene	2.963	39	668292	9.469	ppbv	100
17) tert-Butyl alcohol	3.851	59	1256999	10.440	ppbv	100
18) 1,1-Dichloroethene	3.857	96	549303	10.028	ppbv	100
19) Isopropyl Alcohol	3.552	45	721155	9.470	ppbv	100
20) Methylene Chloride	3.909	84	447422	9.082	ppbv	100
21) Allyl Chloride	3.973	41	846436	9.826	ppbv	100
22) trans-1,2-Dichloroethene	4.420	96	531058	9.732	ppbv	100
23) Vinyl Acetate	4.603	43	796205	8.326	ppbv	100
24) 1,1-Dichloroethane	4.539	63	1144566	9.614	ppbv	100
25) Ethyl Acetate	5.179	43	2636978	9.977	ppbv	100
26) Hexane	5.188	57	1069971	9.824	ppbv	100
27) Carbon Disulfide	4.098	76	1278721	10.141	ppbv	100
28) Methyl tert-Butyl Ether	4.561	73	643194	9.433	ppbv	100
29) Chloroform	5.250	83	1680555	9.485	ppbv	100
30) Cyclohexane	6.577	84	905301	10.235	ppbv	100
31) cis-1,2-Dichloroethene	5.053	61	1038715	9.711	ppbv	100
32) 1,1,1-Trichloroethane	5.979	97	1658808	9.635	ppbv	100
34) 2-Butanone	4.761	43	1501240	9.714	ppbv	100
35) Carbon Tetrachloride	6.471	117	1733798	9.862	ppbv	100
36) Benzene	6.346	78	2276805	9.741	ppbv	100
37) 1,2-Dichloroethane	5.783	62	1272445	9.723	ppbv	100
38) Trichloroethene	7.266	130	1207402	11.030	ppbv	100
39) 1,2-Dichloropropane	7.050	63	877299	9.764	ppbv	100
40) 1,4-Dioxane	7.262	88	362562	10.129	ppbv #	100
41) Tetrahydrofuran	5.532	42	921404	10.354	ppbv	100
42) Bromodichloromethane	7.227	83	1829048	9.717	ppbv	100
43) Methyl Methacrylate	7.449	69	895478	10.728	ppbv	100
44) 2,2,4-Trimethylpentane	7.304	57	3860881	9.842	ppbv	100
45) t-1,3-Dichloropropene	8.687	75	786684	10.580	ppbv	100

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL091624\
Data File : VL041592.D
Acq On : 16 Sep 2024 13:15
Operator : SY/MD
Sample : VSTDICCC010
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 17 02:35:11 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091624AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 1
QLast Update : Tue Sep 17 02:32:57 2024
Response via : Initial Calibration

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 09/17/2024
Supervised By :Mahesh Dadoda 09/17/2024

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46)	cis-1,3-Dichloropropene	8.121	75	1127288	10.315	ppbv	100
47)	1,1,2-Trichloroethane	8.873	97	952785	9.656	ppbv	100
48)	Dibromochloromethane	9.687	129	1573314	9.972	ppbv	100
49)	Bromoform	12.384	173	1380117	10.374	ppbv	100
50)	4-Methyl-2-Pentanone	8.156	43	2529791	10.343	ppbv	100
51)	2-Hexanone	9.526	43	2011980	10.956	ppbv	100
52)	Tetrachloroethene	10.590	164	852321	9.478	ppbv	100
53)	Toluene	9.198	91	2661666	10.235	ppbv	100
54)	1,2-Dibromoethane	9.986	107	1299501	10.010	ppbv	100
56)	1,1,1,2-Tetrachloroethane	11.487	131	1161709	9.726	ppbv	100
57)	Chlorobenzene	11.503	112	2103559	9.574	ppbv	100
58)	Ethyl Benzene	12.066	91	3600157	10.136	ppbv	100
59)	m/p-Xylene	12.346	91	6116054m	19.957	ppbv	
60)	o-Xylene	13.034	91	2948315	10.140	ppbv	100
61)	Styrene	12.873	104	1437066	11.003	ppbv	100
62)	Isopropylbenzene	14.005	105	4279685	9.708	ppbv	100
63)	1,1,2,2-Tetrachloroethane	13.024	83	1398913	7.881	ppbv	100
64)	n-propylbenzene	14.895	120	1149808	9.986	ppbv	100
65)	tert-Butylbenzene	16.066	119	3855478	9.686	ppbv	100
66)	Benzyl Chloride	16.304	91	205903	8.606	ppbv	100
67)	sec-Butylbenzene	16.612	105	5434135	9.884	ppbv	100
69)	p-Isopropyltoluene	16.973	119	4544895	9.982	ppbv	100
70)	n-Butylbenzene	17.863	91	4664460	9.989	ppbv	100
71)	2-Chlorotoluene	14.776	91	3221836	9.915	ppbv	100
72)	4-Ethyltoluene	15.169	105	3541706	10.382	ppbv	100
73)	1,3,5-Trimethylbenzene	15.326	105	3032119	10.316	ppbv	100
74)	1,2,4-Trimethylbenzene	16.085	105	3360833	9.827	ppbv	100
75)	1,3-Dichlorobenzene	16.307	146	2088291	9.728	ppbv	100
76)	1,4-Dichlorobenzene	16.452	146	2030349	9.776	ppbv	100
77)	1,2-Dichlorobenzene	17.120	146	2019099	9.498	ppbv	100
78)	Hexachloro-1,3-Butadiene	22.609	225	1508307	8.351	ppbv	100
79)	Naphthalene	21.358	128	3163696	10.692	ppbv	100
80)	Naphthalene,2-methyl-	24.352	142	2300402	9.700	ppbv	100
81)	1,2,4-Trichlorobenzene	21.114	180	1667878	9.460	ppbv	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

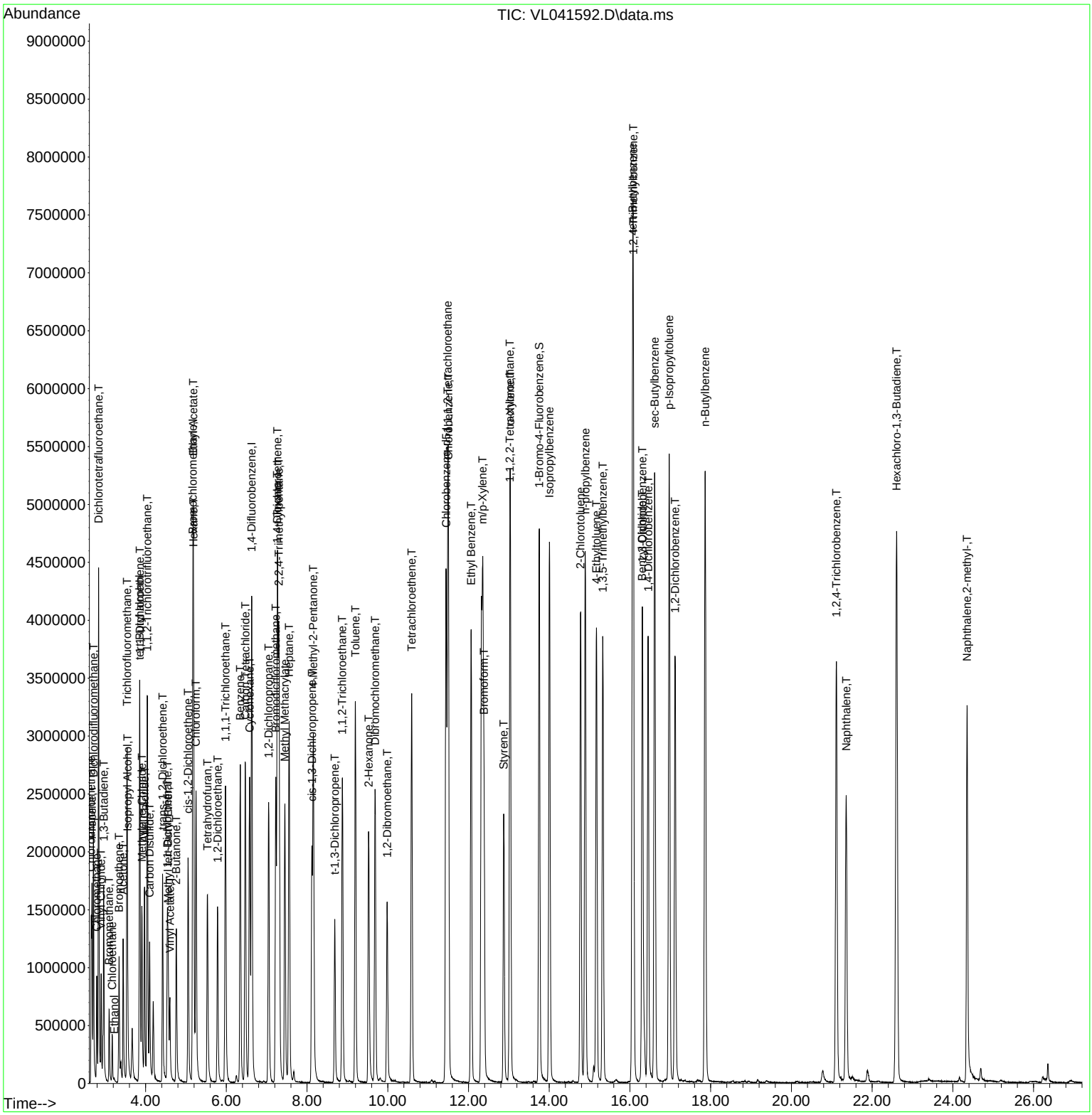
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL091624\
Data File : VL041592.D
Acq On : 16 Sep 2024 13:15
Operator : SY/MD
Sample : VSTDICCC010
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 17 02:35:11 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091624AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug
QLast Update : Tue Sep 17 02:32:57 2024
Response via : Initial Calibration

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 09/17/2024
Supervised By :Mahesh Dadoda 09/17/2024



Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL091624\
Data File : VL041593.D
Acq On : 16 Sep 2024 13:56
Operator : SY/MD
Sample : VSTDICC002
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 17 02:38:44 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091624AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 1
QLast Update : Tue Sep 17 02:32:57 2024
Response via : Initial Calibration

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 09/17/2024
Supervised By :Mahesh Dadoda 09/17/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	5.166	49	1182080	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.629	114	3244465	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.439	117	3052584	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.754	95	2207152	9.461	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 94.600%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.706	85	309050	1.540	ppbv	97
3) Chlorodifluoromethane	2.652	51	294373	2.080	ppbv	98
4) Chloromethane	2.793	50	160883	2.116	ppbv	95
5) Vinyl Chloride	2.899	62	147802	1.996	ppbv	95
6) Bromomethane	3.095	94	70434	1.882	ppbv	99
7) Chloroethane	3.173	64	51705	2.010	ppbv	98
8) Dichlorotetrafluoroethane	2.835	85	360778	1.991	ppbv	97
9) Propene	2.671	41	127237	1.952	ppbv	92
10) Heptane	7.555	43	297624	2.026	ppbv	98
11) Trichlorofluoromethane	3.539	101	362790	1.997	ppbv	100
12) 1,1,2-Trichlorotrifluo...	4.044	101	272276	2.078	ppbv	99
13) Ethanol	3.234	45	10961m	2.010	ppbv	
14) Bromoethene	3.340	108	101050	1.983	ppbv	92
15) Acetone	3.449	43	293207	2.171	ppbv	99
16) 1,3-Butadiene	2.964	39	147142	2.035	ppbv	97
17) tert-Butyl alcohol	3.857	59	277171	2.247	ppbv	99
18) 1,1-Dichloroethene	3.857	96	113969	2.031	ppbv	90
19) Isopropyl Alcohol	3.558	45	159227	2.041	ppbv #	97
20) Methylene Chloride	3.909	84	107110	2.122	ppbv	92
21) Allyl Chloride	3.973	41	180432	2.044	ppbv	99
22) trans-1,2-Dichloroethene	4.420	96	115268	2.062	ppbv	92
23) Vinyl Acetate	4.607	43	168539	1.720	ppbv #	97
24) 1,1-Dichloroethane	4.539	63	249059	2.042	ppbv	99
25) Ethyl Acetate	5.185	43	569204	2.102	ppbv	99
26) Hexane	5.185	57	230270	2.063	ppbv	95
27) Carbon Disulfide	4.102	76	237668	1.840	ppbv	98
28) Methyl tert-Butyl Ether	4.565	73	142865	2.045	ppbv	99
29) Chloroform	5.250	83	364849	2.010	ppbv	91
30) Cyclohexane	6.574	84	184390	2.035	ppbv	95
31) cis-1,2-Dichloroethene	5.054	61	224037	2.044	ppbv	93
32) 1,1,1-Trichloroethane	5.980	97	349584	1.982	ppbv	98
34) 2-Butanone	4.764	43	324173	2.063	ppbv	98
35) Carbon Tetrachloride	6.468	117	360310	2.016	ppbv	99
36) Benzene	6.346	78	483918	2.036	ppbv	98
37) 1,2-Dichloroethane	5.780	62	268163	2.015	ppbv	98
38) Trichloroethene	7.266	130	255796	2.298	ppbv	94
39) 1,2-Dichloropropane	7.050	63	192586	2.108	ppbv	97
40) 1,4-Dioxane	7.272	88	74476	2.046	ppbv #	97
41) Tetrahydrofuran	5.542	42	176742	1.953	ppbv	95
42) Bromodichloromethane	7.224	83	371085	1.939	ppbv	95
43) Methyl Methacrylate	7.452	69	169666	1.999	ppbv	99
44) 2,2,4-Trimethylpentane	7.301	57	846282	2.122	ppbv	99
45) t-1,3-Dichloropropene	8.687	75	125807m	1.664	ppbv	

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL091624\
Data File : VL041593.D
Acq On : 16 Sep 2024 13:56
Operator : SY/MD
Sample : VSTDICC002
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 17 02:38:44 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091624AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 1
QLast Update : Tue Sep 17 02:32:57 2024
Response via : Initial Calibration

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 09/17/2024
Supervised By :Mahesh Dadoda 09/17/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) cis-1,3-Dichloropropene	8.118	75	198614	1.787	ppbv		98
47) 1,1,2-Trichloroethane	8.870	97	202286	2.016	ppbv		95
48) Dibromochloromethane	9.684	129	299312	1.866	ppbv		98
49) Bromoform	12.384	173	259933	1.922	ppbv		98
50) 4-Methyl-2-Pentanone	8.163	43	521882	2.099	ppbv		100
51) 2-Hexanone	9.536	43	391600	2.097	ppbv	#	99
52) Tetrachloroethene	10.594	164	179606	1.964	ppbv		97
53) Toluene	9.198	91	523040	1.978	ppbv		99
54) 1,2-Dibromoethane	9.986	107	260693	1.975	ppbv		99
56) 1,1,1,2-Tetrachloroethane	11.484	131	247944	2.087	ppbv	#	1
57) Chlorobenzene	11.503	112	451222	2.065	ppbv		96
58) Ethyl Benzene	12.066	91	719793	2.038	ppbv		96
59) m/p-Xylene	12.346	91	1294945m	4.249	ppbv		
60) o-Xylene	13.034	91	620587	2.146	ppbv		100
61) Styrene	12.880	104	252259	1.942	ppbv		98
62) Isopropylbenzene	14.005	105	929045	2.119	ppbv		99
63) 1,1,2,2-Tetrachloroethane	13.024	83	311063	1.762	ppbv		98
64) n-propylbenzene	14.892	120	244643	2.137	ppbv		93
65) tert-Butylbenzene	16.069	119	874824	2.210	ppbv		99
66) Benzyl Chloride	16.310	91	39929m	1.678	ppbv		
67) sec-Butylbenzene	16.613	105	1221574	2.234	ppbv		99
69) p-Isopropyltoluene	16.973	119	1023815	2.261	ppbv		99
70) n-Butylbenzene	17.863	91	1057176	2.276	ppbv		99
71) 2-Chlorotoluene	14.777	91	684496	2.118	ppbv		99
72) 4-Ethyltoluene	15.172	105	730570	2.153	ppbv		99
73) 1,3,5-Trimethylbenzene	15.330	105	643556	2.202	ppbv		96
74) 1,2,4-Trimethylbenzene	16.082	105	773729	2.275	ppbv		97
75) 1,3-Dichlorobenzene	16.307	146	467558	2.190	ppbv		99
76) 1,4-Dichlorobenzene	16.449	146	447493	2.167	ppbv		98
77) 1,2-Dichlorobenzene	17.121	146	460299	2.177	ppbv		99
78) Hexachloro-1,3-Butadiene	22.606	225	387729	2.159	ppbv		100
79) Naphthalene	21.362	128	675872	2.297	ppbv		97
80) Naphthalene,2-methyl-	24.358	142	374380	1.587	ppbv		99
81) 1,2,4-Trichlorobenzene	21.114	180	370420	2.113	ppbv		99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

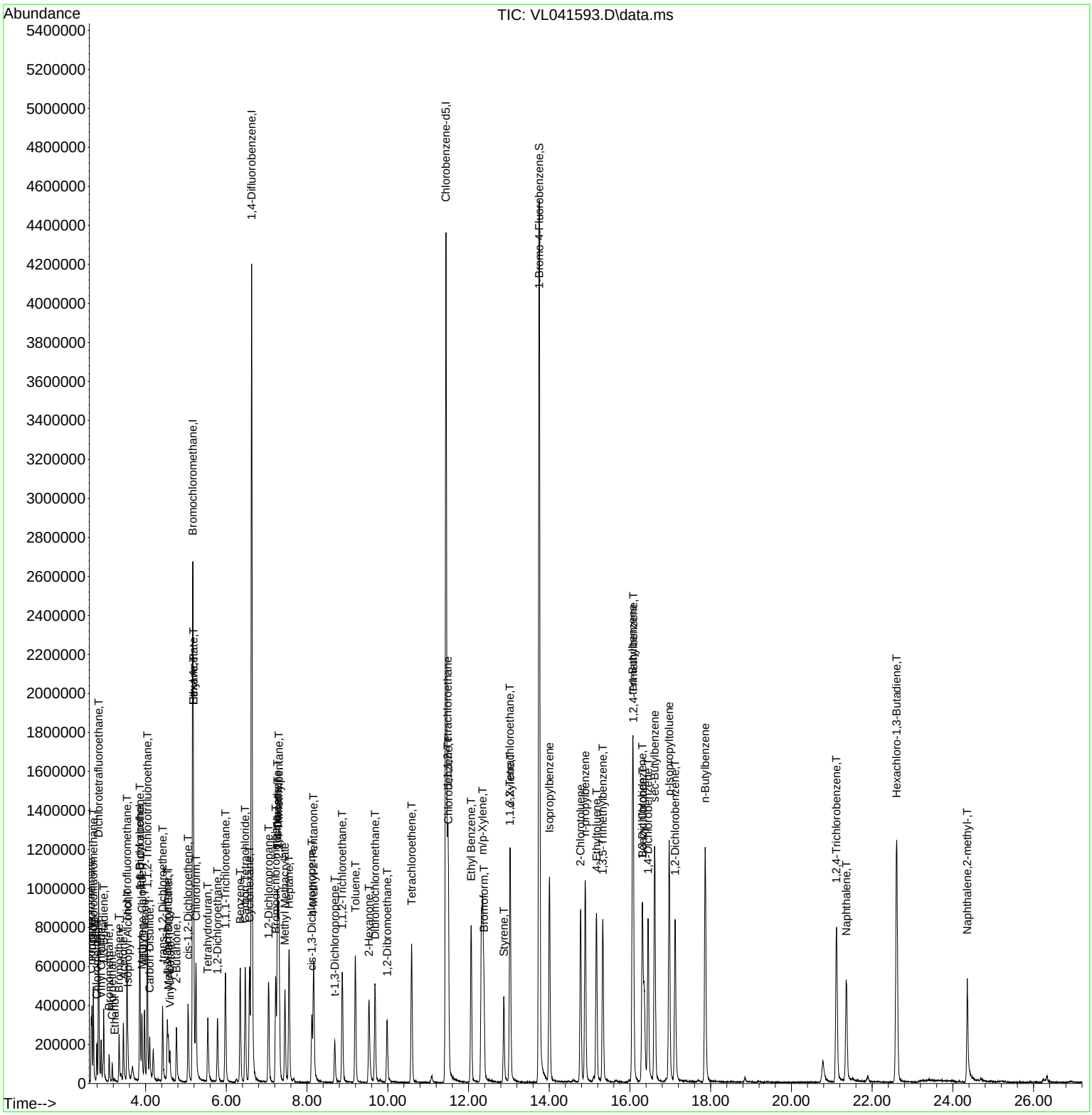
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL091624\
Data File : VL041593.D
Acq On : 16 Sep 2024 13:56
Operator : SY/MD
Sample : VSTDICC002
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 17 02:38:44 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091624AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug
QLast Update : Tue Sep 17 02:32:57 2024
Response via : Initial Calibration

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 09/17/2024
Supervised By :Mahesh Dadoda 09/17/2024



Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL091624\
Data File : VL041594.D
Acq On : 16 Sep 2024 14:36
Operator : SY/MD
Sample : VSTDICC001
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 16 20:15:06 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091624AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 1
QLast Update : Mon Sep 16 20:14:05 2024
Response via : Initial Calibration

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED
Reviewed By :Semsettin Yesilyurt 09/17/2024
Supervised By :Mahesh Dadoda 09/17/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	5.172	49	1163991	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.632	114	3218358	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.445	117	2901355	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.754	95	2171693	9.726	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 97.300%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.716	85	176543	0.882	ppbv	100
3) Chlorodifluoromethane	2.658	51	143593	1.036	ppbv	99
4) Chloromethane	2.796	50	78805m	1.069	ppbv	
5) Vinyl Chloride	2.906	62	73731	1.015	ppbv	99
6) Bromomethane	3.105	94	32268	0.864	ppbv	86
7) Chloroethane	3.182	64	25889	1.033	ppbv	91
8) Dichlorotetrafluoroethane	2.841	85	179916	1.014	ppbv	91
9) Propene	2.681	41	60205	0.946	ppbv	94
10) Heptane	7.565	43	136494	0.954	ppbv	99
11) Trichlorofluoromethane	3.545	101	190406	1.071	ppbv	99
12) 1,1,2-Trichlorotrifluo...	4.050	101	135246	1.056	ppbv	98
13) Ethanol	3.246	45	6603m	1.161	ppbv	
14) Bromoethene	3.353	108	48959	0.981	ppbv #	92
15) Acetone	3.462	43	144857	1.095	ppbv	97
16) 1,3-Butadiene	2.970	39	71179	1.007	ppbv	100
17) tert-Butyl alcohol	3.867	59	132423	1.098	ppbv	96
18) 1,1-Dichloroethene	3.861	96	57053	1.042	ppbv	91
19) Isopropyl Alcohol	3.571	45	76655	0.991	ppbv #	95
20) Methylene Chloride	3.915	84	55627	1.128	ppbv	97
21) Allyl Chloride	3.976	41	83509	0.963	ppbv	89
22) trans-1,2-Dichloroethene	4.426	96	53748	0.981	ppbv	96
23) Vinyl Acetate	4.610	43	75873	0.751	ppbv #	93
24) 1,1-Dichloroethane	4.542	63	122972	1.034	ppbv	99
25) Ethyl Acetate	5.192	43	266035	1.013	ppbv	98
26) Hexane	5.195	57	107564	0.987	ppbv	92
27) Carbon Disulfide	4.105	76	109406	0.858	ppbv	96
28) Methyl tert-Butyl Ether	4.574	73	67246	0.978	ppbv	99
29) Chloroform	5.253	83	183121	1.030	ppbv	96
30) Cyclohexane	6.577	84	77992	0.879	ppbv	87
31) cis-1,2-Dichloroethene	5.060	61	103032	0.957	ppbv	98
32) 1,1,1-Trichloroethane	5.979	97	168967	0.976	ppbv	98
34) 2-Butanone	4.774	43	140700	0.904	ppbv	95
35) Carbon Tetrachloride	6.475	117	166616	0.939	ppbv	97
36) Benzene	6.349	78	217922	0.927	ppbv	97
37) 1,2-Dichloroethane	5.787	62	130607	0.992	ppbv	97
38) Trichloroethene	7.269	130	114753	1.065	ppbv	94
39) 1,2-Dichloropropane	7.050	63	89452	0.994	ppbv	92
40) 1,4-Dioxane	7.294	88	32240	0.891	ppbv #	87
41) Tetrahydrofuran	5.552	42	82665m	0.928	ppbv	
42) Bromodichloromethane	7.230	83	179366	0.944	ppbv	99
43) Methyl Methacrylate	7.462	69	72483	0.860	ppbv	93
44) 2,2,4-Trimethylpentane	7.304	57	389526	0.992	ppbv	96
45) t-1,3-Dichloropropene	8.693	75	50543	0.651	ppbv	95

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL091624\
Data File : VL041594.D
Acq On : 16 Sep 2024 14:36
Operator : SY/MD
Sample : VSTDICC001
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 16 20:15:06 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091624AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 1
QLast Update : Mon Sep 16 20:14:05 2024
Response via : Initial Calibration

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 09/17/2024
Supervised By :Mahesh Dadoda 09/17/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) cis-1,3-Dichloropropene	8.118	75	82468	0.736	ppbv		99
47) 1,1,2-Trichloroethane	8.873	97	97460	0.982	ppbv		94
48) Dibromochloromethane	9.687	129	137881	0.862	ppbv		99
49) Bromoform	12.388	173	116706	0.864	ppbv		97
50) 4-Methyl-2-Pentanone	8.172	43	224369	0.913	ppbv		99
51) 2-Hexanone	9.552	43	163976m	0.883	ppbv		
52) Tetrachloroethene	10.593	164	86388	0.951	ppbv		94
53) Toluene	9.198	91	226360	0.864	ppbv		99
54) 1,2-Dibromoethane	9.986	107	121996	0.924	ppbv		96
56) 1,1,1,2-Tetrachloroethane	11.487	131	116306	1.034	ppbv	#	1
57) Chlorobenzene	11.503	112	222410	1.077	ppbv	#	94
58) Ethyl Benzene	12.072	91	318095	0.951	ppbv		97
59) m/p-Xylene	12.346	91	564895m	1.957	ppbv		
60) o-Xylene	13.037	91	270052	0.989	ppbv		100
61) Styrene	12.879	104	98015	0.796	ppbv		97
62) Isopropylbenzene	14.008	105	423939	1.021	ppbv		98
63) 1,1,2,2-Tetrachloroethane	13.027	83	154402	0.895	ppbv		99
64) n-propylbenzene	14.895	120	103274	0.952	ppbv		80
65) tert-Butylbenzene	16.072	119	388333	1.036	ppbv		98
66) Benzyl Chloride	16.313	91	18633m	0.775	ppbv		
67) sec-Butylbenzene	16.616	105	546134	1.057	ppbv		99
69) p-Isopropyltoluene	16.976	119	428199	0.999	ppbv		97
70) n-Butylbenzene	17.870	91	456221	1.038	ppbv		96
71) 2-Chlorotoluene	14.780	91	303828	0.992	ppbv		100
72) 4-Ethyltoluene	15.172	105	315109	0.980	ppbv	#	97
73) 1,3,5-Trimethylbenzene	15.330	105	282986	1.022	ppbv		97
74) 1,2,4-Trimethylbenzene	16.082	105	342646m	1.064	ppbv		
75) 1,3-Dichlorobenzene	16.307	146	206679	1.021	ppbv		96
76) 1,4-Dichlorobenzene	16.452	146	205278	1.047	ppbv		97
77) 1,2-Dichlorobenzene	17.124	146	206345	1.028	ppbv		96
78) Hexachloro-1,3-Butadiene	22.609	225	180258m	1.053	ppbv		
79) Naphthalene	21.368	128	252197m	0.887	ppbv		
80) Naphthalene,2-methyl-	24.358	142	126259m	0.530	ppbv		
81) 1,2,4-Trichlorobenzene	21.124	180	145946	0.863	ppbv		97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

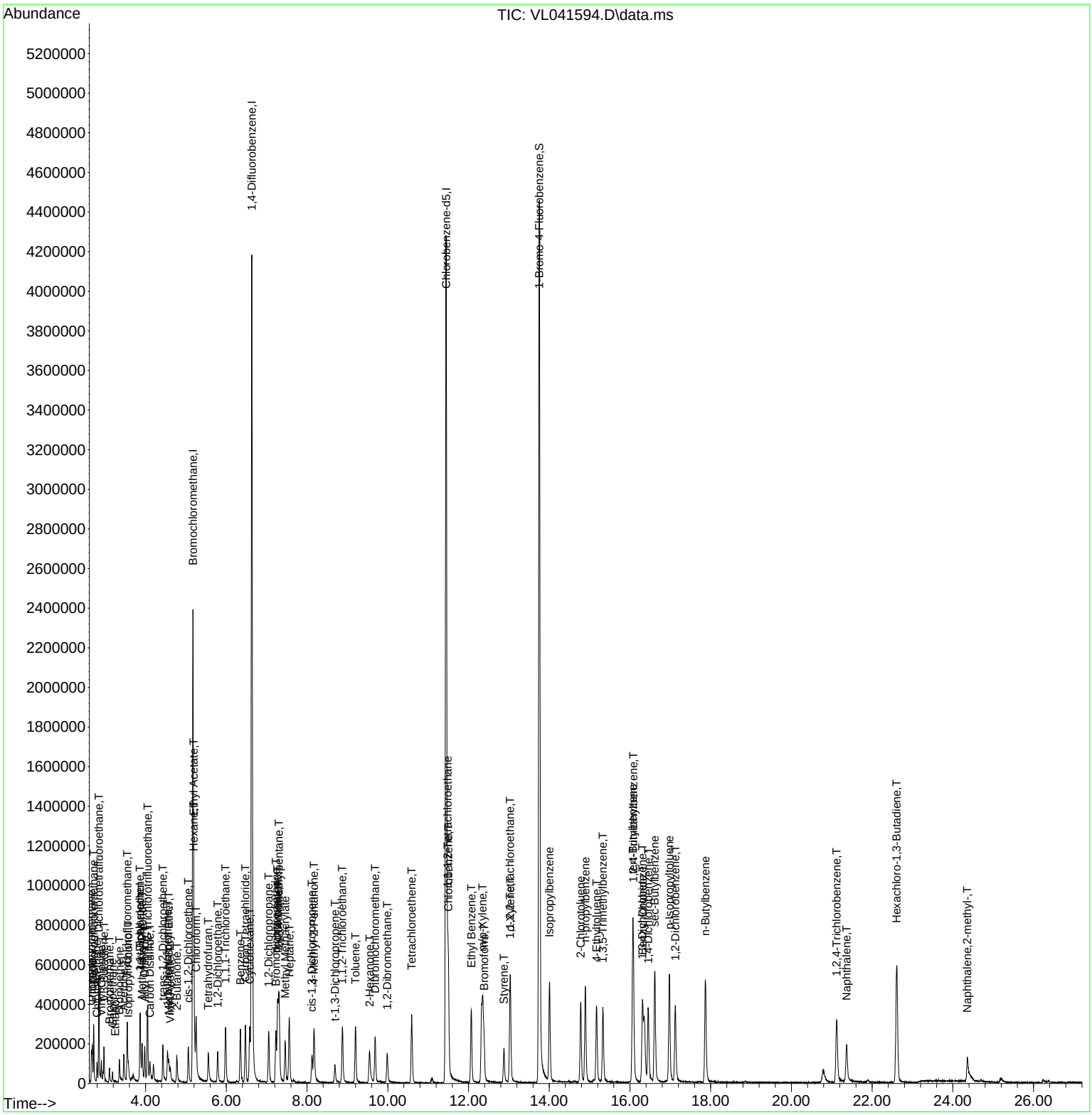
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL091624\
Data File : VL041594.D
Acq On : 16 Sep 2024 14:36
Operator : SY/MD
Sample : VSTDICC001
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 16 20:15:06 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091624AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug
QLast Update : Mon Sep 16 20:14:05 2024
Response via : Initial Calibration

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 09/17/2024
Supervised By :Mahesh Dadoda 09/17/2024



Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL091624\
Data File : VL041596.D
Acq On : 16 Sep 2024 15:56
Operator : SY/MD
Sample : VSTDICC0.1
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 17 03:12:36 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091624AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 1
QLast Update : Tue Sep 17 02:32:57 2024
Response via : Initial Calibration

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 09/17/2024
Supervised By :Mahesh Dadoda 09/17/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	5.176	49	1150062	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.632	114	3120058	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.445	117	2779435	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.754	95	2086516	9.823	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 98.200%			
Target Compounds						Qvalue
5) Vinyl Chloride	2.915	62	6034m	0.084	ppbv	
32) 1,1,1-Trichloroethane	5.986	97	13088m	0.076	ppbv	
35) Carbon Tetrachloride	6.468	117	12312m	0.072	ppbv	
38) Trichloroethene	7.272	130	9519m	0.089	ppbv	
52) Tetrachloroethene	10.590	164	6744m	0.077	ppbv	
54) 1,2-Dibromoethane	9.979	107	8094m	0.064	ppbv	
63) 1,1,2,2-Tetrachloroethane	13.037	83	10963m	0.068	ppbv	
79) Naphthalene	21.374	128	8646m	0.032	ppbv	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

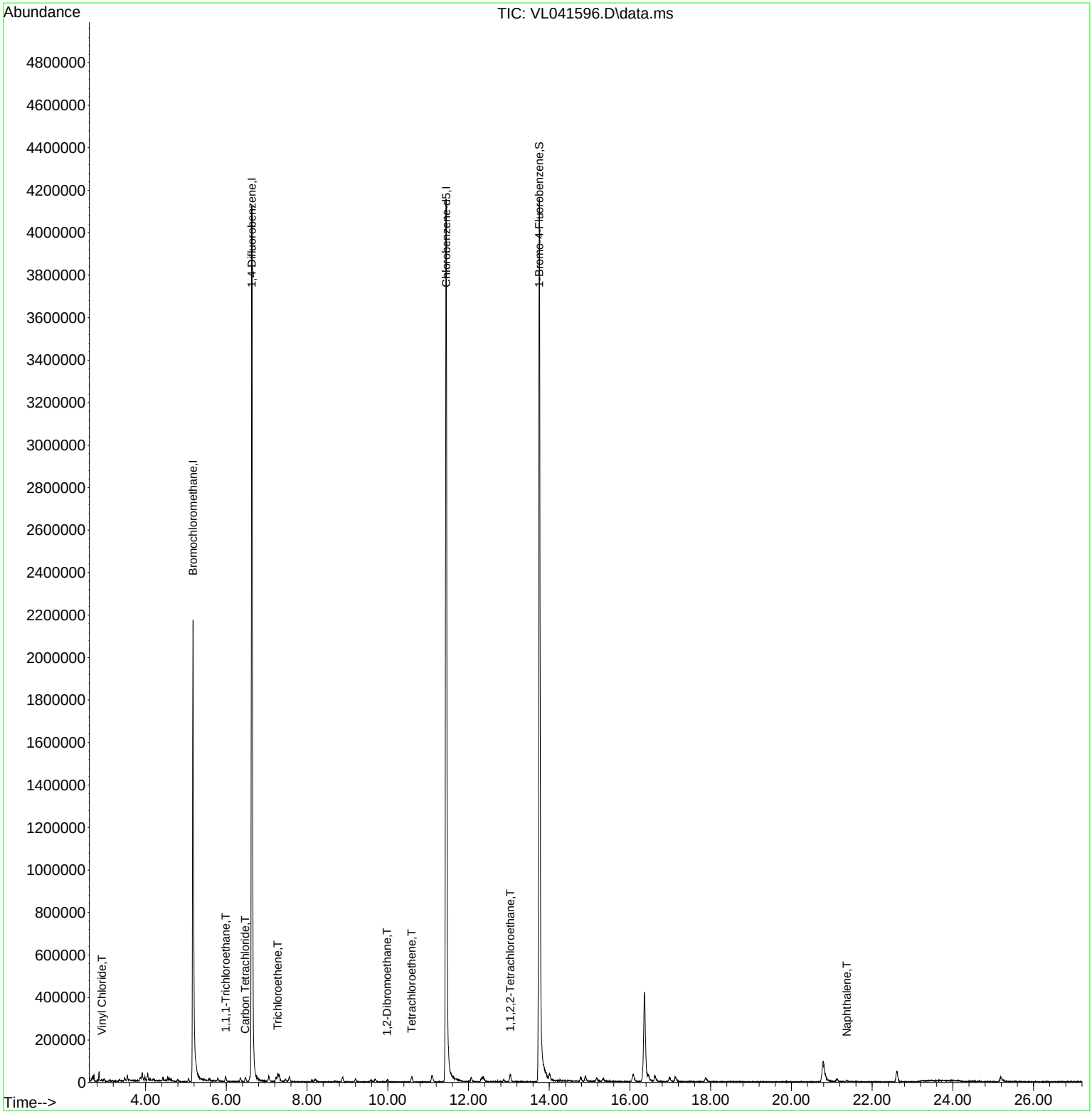
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL091624\
Data File : VL041596.D
Acq On : 16 Sep 2024 15:56
Operator : SY/MD
Sample : VSTDICC0.1
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 17 03:12:36 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091624AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug
QLast Update : Tue Sep 17 02:32:57 2024
Response via : Initial Calibration

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 09/17/2024
Supervised By :Mahesh Dadoda 09/17/2024



Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL091624\
Data File : VL041597.D
Acq On : 16 Sep 2024 16:38
Operator : SY/MD
Sample : VSTDICC0.03
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 17 05:05:22 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091624AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 1
QLast Update : Tue Sep 17 04:57:28 2024
Response via : Initial Calibration

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 09/17/2024
Supervised By :Mahesh Dadoda 09/17/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	5.173	49	1115440	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.632	114	3030679	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.439	117	2692276	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.751	95	1983531	9.951	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 99.500%			
Target Compounds						Qvalue
5) Vinyl Chloride	2.906	62	1537m	0.024	ppbv	
32) 1,1,1-Trichloroethane	5.976	97	3900m	0.026	ppbv	
35) Carbon Tetrachloride	6.475	117	3299m	0.023	ppbv	
38) Trichloroethene	7.269	130	3158m	0.029	ppbv	
52) Tetrachloroethene	10.581	164	1981m	0.026	ppbv	
63) 1,1,2,2-Tetrachloroethane	13.040	83	3376m	0.027	ppbv	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

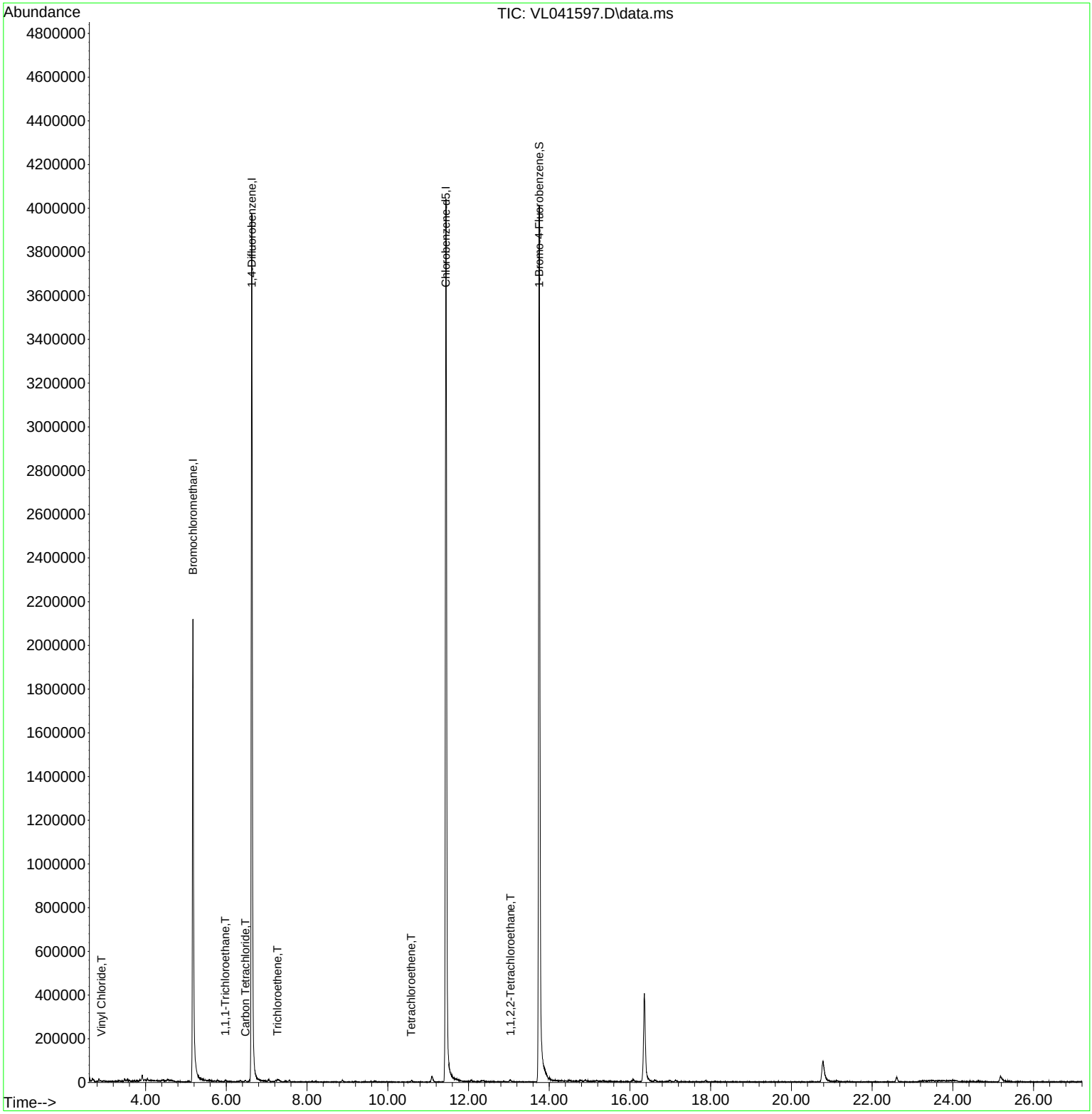
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL091624\
Data File : VL041597.D
Acq On : 16 Sep 2024 16:38
Operator : SY/MD
Sample : VSTDICC0.03
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 17 05:05:22 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091624AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug
QLast Update : Tue Sep 17 04:57:28 2024
Response via : Initial Calibration

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 09/17/2024
Supervised By :Mahesh Dadoda 09/17/2024



Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL091624\
Data File : VL041598.D
Acq On : 16 Sep 2024 17:20
Operator : SY/MD
Sample : VSTDICC015
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 17 09:14:19 2024
Quant Title :
QLast Update : Tue Sep 17 09:12:21 2024
Response via : Initial Calibration

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Manual Integrations APPROVED
Reviewed By :Semsettin Yesilyurt 09/17/2024
Supervised By :Mahesh Dadoda 09/17/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	5.176	49	1175483	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.639	114	3256634	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.449	117	3327610m	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.757	95	2332788	9.110	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 91.100%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.719	85	1900049	9.396	ppbv	100
3) Chlorodifluoromethane	2.664	51	1860879	13.298	ppbv	99
4) Chloromethane	2.803	50	1044613m	14.035	ppbv	
5) Vinyl Chloride	2.909	62	1021949	13.930	ppbv	99
6) Bromomethane	3.105	94	462431	12.264	ppbv	99
7) Chloroethane	3.185	64	360774	14.249	ppbv	98
8) Dichlorotetrafluoroethane	2.845	85	2287936	12.769	ppbv	99
9) Propene	2.684	41	862437	13.416	ppbv	100
10) Heptane	7.561	43	2181339	15.103	ppbv	100
11) Trichlorofluoromethane	3.549	101	2384942	13.280	ppbv	99
12) 1,1,2-Trichlorotrifluo...	4.050	101	1737916	13.439	ppbv	99
13) Ethanol	3.234	45	32379m	5.636	ppbv	
14) Bromoethene	3.353	108	722975	14.340	ppbv	100
15) Acetone	3.452	43	1746071	13.073	ppbv	99
16) 1,3-Butadiene	2.973	39	997661	13.981	ppbv	99
17) tert-Butyl alcohol	3.861	59	1826662	14.996	ppbv	99
18) 1,1-Dichloroethene	3.864	96	783989	14.172	ppbv	98
19) Isopropyl Alcohol	3.562	45	998621	12.789	ppbv	100
20) Methylene Chloride	3.918	84	642783	12.906	ppbv	93
21) Allyl Chloride	3.979	41	1225956	13.997	ppbv	99
22) trans-1,2-Dichloroethene	4.430	96	781882	14.136	ppbv	99
23) Vinyl Acetate	4.610	43	1212589	11.888	ppbv #	98
24) 1,1-Dichloroethane	4.549	63	1656513	13.792	ppbv	99
25) Ethyl Acetate	5.185	43	3850317	14.511	ppbv	99
26) Hexane	5.195	57	1577948	14.336	ppbv	99
27) Carbon Disulfide	4.108	76	1898447	14.743	ppbv	99
28) Methyl tert-Butyl Ether	4.568	73	934921	13.469	ppbv	100
29) Chloroform	5.259	83	2472134	13.770	ppbv	98
30) Cyclohexane	6.584	84	1384242	15.443	ppbv	96
31) cis-1,2-Dichloroethene	5.063	61	1572482	14.462	ppbv	99
32) 1,1,1-Trichloroethane	5.986	97	2449235	14.015	ppbv	99
34) 2-Butanone	4.767	43	2226315	14.132	ppbv	99
35) Carbon Tetrachloride	6.478	117	2562607	14.267	ppbv	99
36) Benzene	6.352	78	3400759	14.291	ppbv	98
37) 1,2-Dichloroethane	5.790	62	1894411	14.224	ppbv	99
38) Trichloroethene	7.272	130	1777141	16.301	ppbv	97
39) 1,2-Dichloropropane	7.057	63	1318620	14.474	ppbv	99
40) 1,4-Dioxane	7.266	88	453503	12.392	ppbv #	47
41) Tetrahydrofuran	5.536	42	1391996	15.449	ppbv	100
42) Bromodichloromethane	7.233	83	2707351	14.078	ppbv	97
43) Methyl Methacrylate	7.455	69	1368120	16.033	ppbv	98
44) 2,2,4-Trimethylpentane	7.307	57	5619291	14.138	ppbv	99
45) t-1,3-Dichloropropene	8.693	75	1264444	16.099	ppbv	100
46) cis-1,3-Dichloropropene	8.124	75	1733083	15.281	ppbv	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL091624\
Data File : VL041598.D
Acq On : 16 Sep 2024 17:20
Operator : SY/MD
Sample : VSTDICC015
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 17 09:14:19 2024
Quant Title :
QLast Update : Tue Sep 17 09:12:21 2024
Response via : Initial Calibration

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Manual Integrations APPROVED
Reviewed By :Semsettin Yesilyurt 09/17/2024
Supervised By :Mahesh Dadoda 09/17/2024

	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
47)	1,1,2-Trichloroethane	8.880	97	1416240	14.103	ppbv		97
48)	Dibromochloromethane	9.693	129	2380715	14.716	ppbv		99
49)	Bromoform	12.388	173	2103505	15.393	ppbv		100
50)	4-Methyl-2-Pentanone	8.159	43	3768387	15.162	ppbv		99
51)	2-Hexanone	9.529	43	3039864	16.175	ppbv		98
52)	Tetrachloroethene	10.597	164	1298509	14.122	ppbv		99
53)	Toluene	9.204	91	3987119	15.042	ppbv		99
54)	1,2-Dibromoethane	9.989	107	1951435	14.599	ppbv		100
56)	1,1,1,2-Tetrachloroethane	11.490	131	1724113	13.360	ppbv	#	92
57)	Chlorobenzene	11.507	112	3100633	13.087	ppbv		98
58)	Ethyl Benzene	12.069	91	5323752	13.880	ppbv		100
59)	m/p-Xylene	12.352	91	9021854m	27.249	ppbv		
60)	o-Xylene	13.037	91	4380559	13.986	ppbv		99
61)	Styrene	12.879	104	2207148	15.620	ppbv		100
62)	Isopropylbenzene	14.011	105	6290796	13.212	ppbv		99
63)	1,1,2,2-Tetrachloroethane	13.027	83	2059305	10.412	ppbv		99
64)	n-propylbenzene	14.899	120	1733510	13.926	ppbv		94
65)	tert-Butylbenzene	16.072	119	5661694	13.165	ppbv		99
66)	Benzyl Chloride	16.304	91	343877	12.466	ppbv		97
67)	sec-Butylbenzene	16.616	105	7844186	13.238	ppbv		98
69)	p-Isopropyltoluene	16.976	119	6613794	13.451	ppbv		99
70)	n-Butylbenzene	17.863	91	6825900	13.542	ppbv		99
71)	2-Chlorotoluene	14.780	91	4774971	13.599	ppbv		99
72)	4-Ethyltoluene	15.172	105	5251979	14.243	ppbv		98
73)	1,3,5-Trimethylbenzene	15.330	105	4527850	14.254	ppbv		98
74)	1,2,4-Trimethylbenzene	16.088	105	4937113	13.368	ppbv		98
75)	1,3-Dichlorobenzene	16.313	146	3113298	13.410	ppbv		99
76)	1,4-Dichlorobenzene	16.455	146	3063921	13.630	ppbv		99
77)	1,2-Dichlorobenzene	17.120	146	3015374	13.102	ppbv		100
78)	Hexachloro-1,3-Butadiene	22.609	225	2302119	11.730	ppbv		99
79)	Naphthalene	21.358	128	4916804	15.084	ppbv		99
80)	Naphthalene,2-methyl-	24.355	142	3899900	14.273	ppbv		99
81)	1,2,4-Trichlorobenzene	21.117	180	2616194	13.487	ppbv		99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

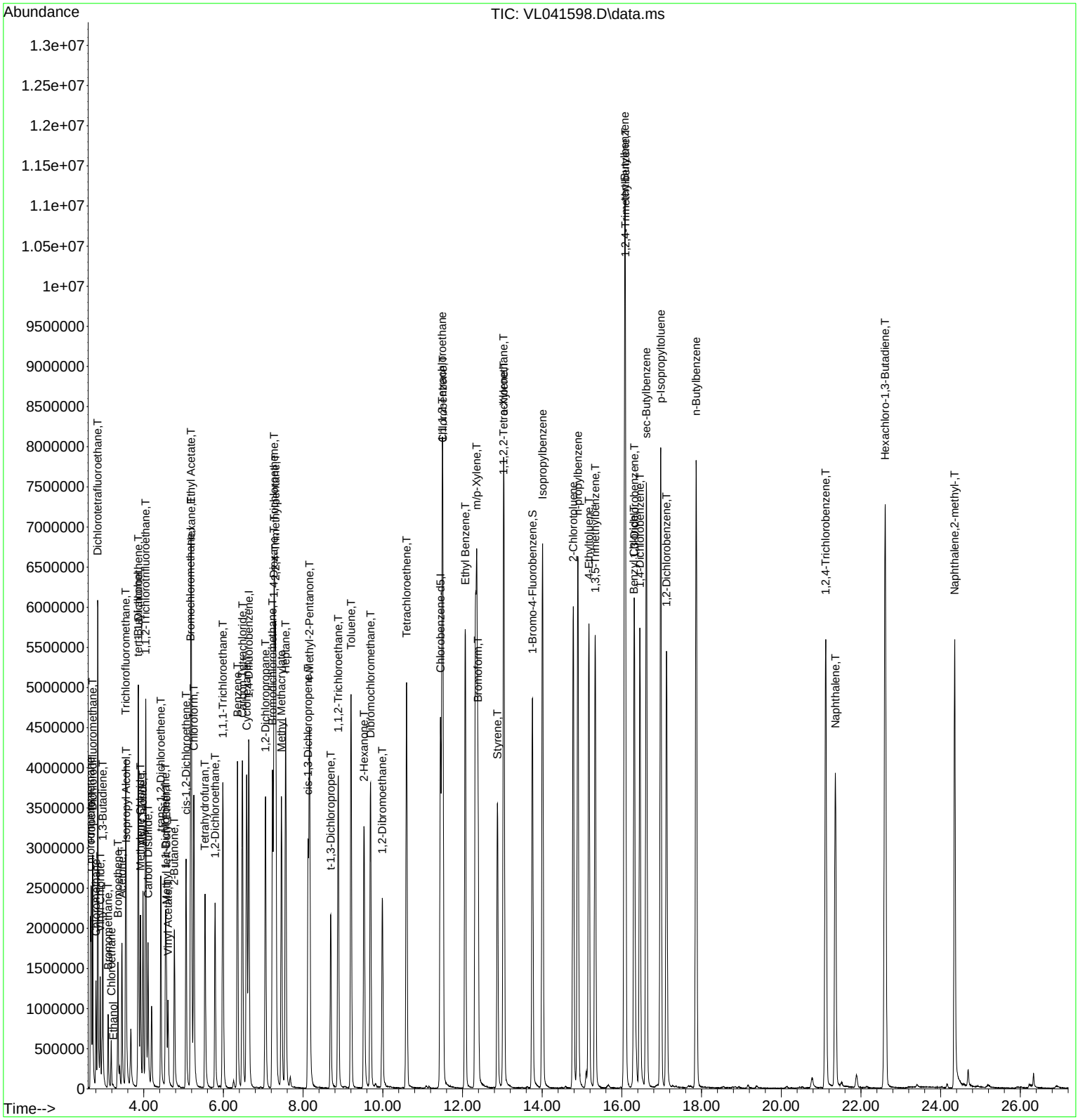
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL091624\
Data File : VL041598.D
Acq On : 16 Sep 2024 17:20
Operator : SY/MD
Sample : VSTDICC015
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 17 09:14:19 2024
Quant Title :
QLast Update : Tue Sep 17 09:12:21 2024
Response via : Initial Calibration

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 09/17/2024
Supervised By :Mahesh Dadoda 09/17/2024



Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL091624\
Data File : VL041599.D
Acq On : 16 Sep 2024 18:46
Operator : SY/MD
Sample : VSTDICV010
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 17 09:18:19 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091624AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 1
QLast Update : Tue Sep 17 09:12:21 2024
Response via : Initial Calibration

Instrument :
MSVOA_L
ClientSampleId :
ICVVL091624

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 09/17/2024
Supervised By :Mahesh Dadoda 09/17/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	5.176	49	1211658	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.636	114	3308799	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.449	117	3161469m	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.751	95	2308391	9.919	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 99.200%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.723	85	1544917	8.829	ppbv	99
3) Chlorodifluoromethane	2.668	51	1323860	9.008	ppbv	99
4) Chloromethane	2.806	50	724772	8.966	ppbv	95
5) Vinyl Chloride	2.912	62	707659	10.111	ppbv	99
6) Bromomethane	3.108	94	319232	9.168	ppbv	99
7) Chloroethane	3.189	64	251821	9.251	ppbv	99
8) Dichlorotetrafluoroethane	2.848	85	1641100	8.941	ppbv	98
9) Propene	2.687	41	640849	10.338	ppbv	100
10) Heptane	7.565	43	1512434	10.420	ppbv	100
11) Trichlorofluoromethane	3.552	101	1652570	8.875	ppbv	99
12) 1,1,2-Trichlorotrifluo...	4.054	101	1197204	8.877	ppbv	99
13) Ethanol	3.240	45	22445m	4.816	ppbv	
14) Bromoethene	3.356	108	497665	9.732	ppbv	98
15) Acetone	3.456	43	1235854	8.124	ppbv	99
16) 1,3-Butadiene	2.977	39	708349	9.574	ppbv	99
17) tert-Butyl alcohol	3.864	59	1338127	10.002	ppbv	100
18) 1,1-Dichloroethene	3.867	96	531734	9.314	ppbv	99
19) Isopropyl Alcohol	3.562	45	679011	8.720	ppbv	99
20) Methylene Chloride	3.919	84	447442	7.830	ppbv	95
21) Allyl Chloride	3.983	41	870229	9.870	ppbv	100
22) trans-1,2-Dichloroethene	4.433	96	544525	9.561	ppbv	99
23) Vinyl Acetate	4.610	43	879864	10.516	ppbv #	97
24) 1,1-Dichloroethane	4.549	63	1155920	9.204	ppbv	99
25) Ethyl Acetate	5.189	43	2756002	10.092	ppbv	99
26) Hexane	5.195	57	1129442	9.917	ppbv	99
27) Carbon Disulfide	4.112	76	1301729	10.753	ppbv	99
28) Methyl tert-Butyl Ether	4.571	73	708243	10.087	ppbv	99
29) Chloroform	5.259	83	1692873	9.084	ppbv	100
30) Cyclohexane	6.587	84	939832	10.706	ppbv	98
31) cis-1,2-Dichloroethene	5.063	61	1109424	10.261	ppbv	98
32) 1,1,1-Trichloroethane	5.986	97	1671780	10.071	ppbv	99
34) 2-Butanone	4.771	43	1595025	10.110	ppbv	99
35) Carbon Tetrachloride	6.475	117	1729977	10.656	ppbv	98
36) Benzene	6.353	78	2377400	10.346	ppbv	100
37) 1,2-Dichloroethane	5.790	62	1303965	9.780	ppbv	99
38) Trichloroethene	7.272	130	1220709	10.316	ppbv	99
39) 1,2-Dichloropropane	7.057	63	924715	9.892	ppbv	97
40) 1,4-Dioxane	7.269	88	268441m	7.618	ppbv	
41) Tetrahydrofuran	5.539	42	998000	11.494	ppbv	100
42) Bromodichloromethane	7.230	83	1853470	9.992	ppbv	99
43) Methyl Methacrylate	7.455	69	952193	11.579	ppbv	98
44) 2,2,4-Trimethylpentane	7.308	57	3942109	9.916	ppbv	99
45) t-1,3-Dichloropropene	8.693	75	854719	12.892	ppbv	97

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL091624\
Data File : VL041599.D
Acq On : 16 Sep 2024 18:46
Operator : SY/MD
Sample : VSTDICV010
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 17 09:18:19 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091624AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 1
QLast Update : Tue Sep 17 09:12:21 2024
Response via : Initial Calibration

Instrument :
MSVOA_L
ClientSampleId :
ICVVL091624

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 09/17/2024
Supervised By :Mahesh Dadoda 09/17/2024

	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46)	cis-1,3-Dichloropropene	8.124	75	1179959	12.148	ppbv		98
47)	1,1,2-Trichloroethane	8.880	97	965904	9.731	ppbv		97
48)	Dibromochloromethane	9.690	129	1596069	10.613	ppbv		100
49)	Bromoform	12.388	173	1398574	10.834	ppbv		99
50)	4-Methyl-2-Pentanone	8.163	43	2618515	10.747	ppbv		99
51)	2-Hexanone	9.529	43	2107044	11.433	ppbv	#	99
52)	Tetrachloroethene	10.594	164	876069	10.529	ppbv		97
53)	Toluene	9.201	91	2736931	11.220	ppbv		100
54)	1,2-Dibromoethane	9.989	107	1334237	10.916	ppbv		99
56)	1,1,1,2-Tetrachloroethane	11.487	131	1153971	9.349	ppbv		100
57)	Chlorobenzene	11.507	112	2110664	9.260	ppbv		98
58)	Ethyl Benzene	12.066	91	3636857	10.746	ppbv		100
59)	m/p-Xylene	12.352	91	6119550m	20.317	ppbv		
60)	o-Xylene	13.034	91	2941243	10.185	ppbv		99
61)	Styrene	12.873	104	1461911	12.117	ppbv		100
62)	Isopropylbenzene	14.008	105	4273531	9.768	ppbv		100
63)	1,1,2,2-Tetrachloroethane	13.028	83	1389186	9.409	ppbv		99
64)	n-propylbenzene	14.896	120	1144513	10.129	ppbv		99
65)	tert-Butylbenzene	16.069	119	3822907	9.532	ppbv		99
66)	Benzyl Chloride	16.304	91	212798	10.206	ppbv		100
67)	sec-Butylbenzene	16.613	105	5350490	9.616	ppbv		100
69)	p-Isopropyltoluene	16.973	119	4497521	9.986	ppbv		100
70)	n-Butylbenzene	17.863	91	4595438	9.740	ppbv		100
71)	2-Chlorotoluene	14.780	91	3223465	10.013	ppbv		100
72)	4-Ethyltoluene	15.169	105	3524544	10.441	ppbv		99
73)	1,3,5-Trimethylbenzene	15.327	105	3014196	10.112	ppbv		98
74)	1,2,4-Trimethylbenzene	16.085	105	3320425	9.517	ppbv		99
75)	1,3-Dichlorobenzene	16.307	146	2073354	9.482	ppbv		100
76)	1,4-Dichlorobenzene	16.452	146	2027061	9.675	ppbv		99
77)	1,2-Dichlorobenzene	17.117	146	1996843	9.250	ppbv		100
78)	Hexachloro-1,3-Butadiene	22.612	225	1507968m	8.468	ppbv		
79)	Naphthalene	21.355	128	3203623	12.476	ppbv		98
80)	Naphthalene,2-methyl-	24.349	142	2446937	13.599	ppbv		99
81)	1,2,4-Trichlorobenzene	21.114	180	1671079	10.236	ppbv		98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

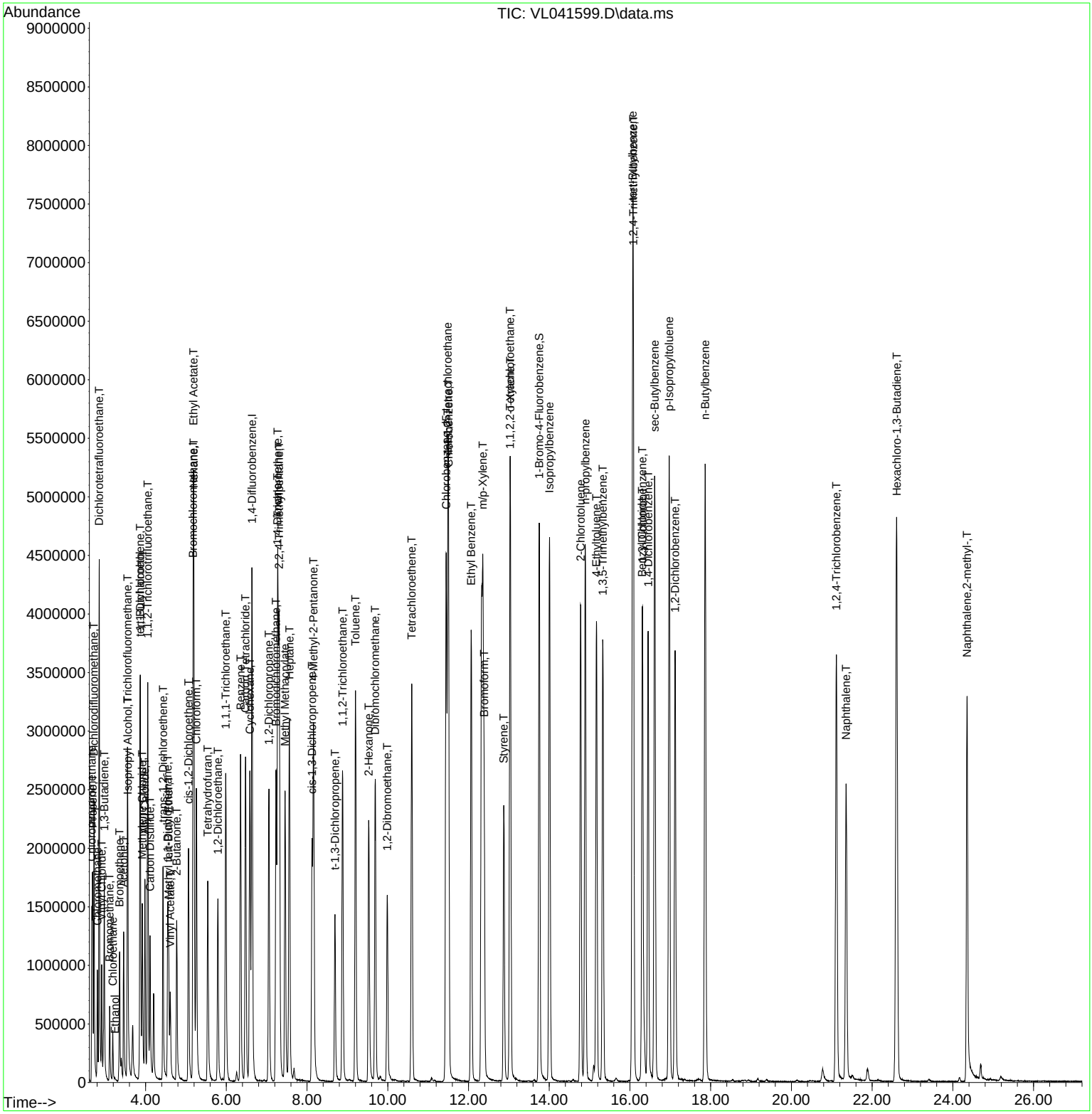
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL091624\
Data File : VL041599.D
Acq On : 16 Sep 2024 18:46
Operator : SY/MD
Sample : VSTDICV010
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 17 09:18:19 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091624AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug
QLast Update : Tue Sep 17 09:12:21 2024
Response via : Initial Calibration

Instrument :
MSVOA_L
ClientSampleId :
ICVVL091624

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 09/17/2024
Supervised By :Mahesh Dadoda 09/17/2024



Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL091624\
Data File : VL041599.D
Acq On : 16 Sep 2024 18:46
Operator : SY/MD
Sample : VSTDICV010
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
ICVVL091624

Quant Time: Sep 17 09:18:19 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091624AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Tue Sep 17 09:12:21 2024
Response via : Initial Calibration

Min. RRF : 0.050 Min. Rel. Area : 20% Max. R.T. Dev 0.50min
Max. RRF Dev : 30% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Bromochloromethane	1.000	1.000	0.0	105	0.00
2	T	Dichlorodifluoromethane	1.444	1.275	11.7	102	0.01
3		Chlorodifluoromethane	1.213	1.093	9.9	104	0.02
4		Chloromethane	0.667	0.598	10.3	103	0.02
5	T	Vinyl Chloride	0.578	0.584	-1.0	105	0.02
6	T	Bromomethane	0.287	0.263	8.4	101	0.01
7		Chloroethane	0.225	0.208	7.6	102	0.02
8	T	Dichlorotetrafluoroethane	1.515	1.354	10.6	100	0.01
9	T	Propene	0.512	0.529	-3.3	108	0.02
10	T	Heptane	1.198	1.248	-4.2	103	0.00
11	T	Trichlorofluoromethane	1.537	1.364	11.3	100	0.01
12	T	1,1,2-Trichlorotrifluoroeth	1.113	0.988	11.2	100	0.01
13		Ethanol	0.038	0.019#	50.0#	82	0.02
14	T	Bromoethene	0.422	0.411	2.6	102	0.01
15	T	Acetone	1.255	1.020	18.7	104	0.01
16	T	1,3-Butadiene	0.611	0.585	4.3	106	0.01
17		tert-Butyl alcohol	1.104	1.104	0.0	106	0.01
18	T	1,1-Dichloroethene	0.471	0.439	6.8	97	0.00
19	T	Isopropyl Alcohol	0.643	0.560	12.9	94	0.00
20	T	Methylene Chloride	0.472	0.369	21.8	100	0.00
21	T	Allyl Chloride	0.728	0.718	1.4	103	0.00
22	T	trans-1,2-Dichloroethene	0.470	0.449	4.5	103	0.01
23	T	Vinyl Acetate	0.691	0.726	-5.1	111	0.00
24	T	1,1-Dichloroethane	1.036	0.954	7.9	101	0.00
25	T	Ethyl Acetate	2.254	2.275	-0.9	105	0.00
26	T	Hexane	0.940	0.932	0.9	106	0.00
27	T	Carbon Disulfide	0.999	1.074	-7.5	102	0.01
28	T	Methyl tert-Butyl Ether	0.579	0.585	-1.0	110	0.00
29	T	Chloroform	1.538	1.397	9.2	101	0.00
30	T	Cyclohexane	0.725	0.776	-7.0	104	0.00
31	T	cis-1,2-Dichloroethene	0.892	0.916	-2.7	107	0.00
32	T	1,1,1-Trichloroethane	1.370	1.380	-0.7	101	0.00
33	I	1,4-Difluorobenzene	1.000	1.000	0.0	104	0.00
34	T	2-Butanone	0.477	0.482	-1.0	106	0.00
35	T	Carbon Tetrachloride	0.491	0.523	-6.5	100	0.00
36	T	Benzene	0.694	0.719	-3.6	104	0.00
37	T	1,2-Dichloroethane	0.403	0.394	2.2	102	0.00
38	T	Trichloroethene	0.358	0.369	-3.1	101	0.00
39	T	1,2-Dichloropropane	0.283	0.279	1.4	105	0.00
40	T	1,4-Dioxane	0.107	0.081	24.3	74	0.00
41	T	Tetrahydrofuran	0.262	0.302	-15.3	108	0.00
42	T	Bromodichloromethane	0.561	0.560	0.2	101	0.00
43		Methyl Methacrylate	0.249	0.288	-15.7	106	0.00
44	T	2,2,4-Trimethylpentane	1.202	1.191	0.9	102	0.00
45	T	t-1,3-Dichloropropene	0.200	0.258	-29.0	109	0.00
46	T	cis-1,3-Dichloropropene	0.294	0.357	-21.4	105	0.00
47	T	1,1,2-Trichloroethane	0.300	0.292	2.7	101	0.00
48	T	Dibromochloromethane	0.455	0.482	-5.9	101	0.00

Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL091624\
Data File : VL041599.D
Acq On : 16 Sep 2024 18:46
Operator : SY/MD
Sample : VSTDICV010
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
ICVVL091624

Quant Time: Sep 17 09:18:19 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091624AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Tue Sep 17 09:12:21 2024
Response via : Initial Calibration

Min. RRF : 0.050 Min. Rel. Area : 20% Max. R.T. Dev 0.50min
Max. RRF Dev : 30% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	Bromoform	0.390	0.423	-8.5	101	0.00
50	T	4-Methyl-2-Pentanone	0.736	0.791	-7.5	104	0.00
51	T	2-Hexanone	0.557	0.637	-14.4	105	0.00
52	T	Tetrachloroethene	0.251	0.265	-5.6	103	0.00
53	T	Toluene	0.737	0.827	-12.2	103	0.00
54	T	1,2-Dibromoethane	0.369	0.403	-9.2	103	0.00
55	I	Chlorobenzene-d5	1.000	1.000	0.0	103	0.00
56		1,1,1,2-Tetrachloroethane	0.390	0.365	6.4	99	0.00
57	T	Chlorobenzene	0.721	0.668	7.4	100	0.00
58	T	Ethyl Benzene	1.070	1.150	-7.5	101	0.00
59	T	m/p-Xylene	0.953	0.968	-1.6	100	0.00
60	T	o-Xylene	0.913	0.930	-1.9	100	0.00
61	T	Styrene	0.382	0.462	-20.9	102	0.00
62		Isopropylbenzene	1.384	1.352	2.3	100	0.00
63	T	1,1,2,2-Tetrachloroethane	0.467	0.439	6.0	99	0.00
64		n-propylbenzene	0.357	0.362	-1.4	100	0.00
65		tert-Butylbenzene	1.269	1.209	4.7	99	0.00
66	T	Benzyl Chloride	0.066	0.067	-1.5	103	0.00
67		sec-Butylbenzene	1.760	1.692	3.9	98	0.00
68	S	1-Bromo-4-Fluorobenzene	0.736	0.730	0.8	101	0.00
69		p-Isopropyltoluene	1.425	1.423	0.1	99	0.00
70		n-Butylbenzene	1.492	1.454	2.5	99	0.00
71		2-Chlorotoluene	1.018	1.020	-0.2	100	0.00
72	T	4-Ethyltoluene	1.068	1.115	-4.4	100	0.00
73	T	1,3,5-Trimethylbenzene	0.943	0.953	-1.1	99	0.00
74	T	1,2,4-Trimethylbenzene	1.104	1.050	4.9	99	0.00
75	T	1,3-Dichlorobenzene	0.692	0.656	5.2	99	0.00
76	T	1,4-Dichlorobenzene	0.663	0.641	3.3	100	0.00
77	T	1,2-Dichlorobenzene	0.683	0.632	7.5	99	0.00
78	T	Hexachloro-1,3-Butadiene	0.563	0.477	15.3	100	0.00
79	T	Naphthalene	0.812	1.013	-24.8	101	0.00
80	T	Naphthalene,2-methyl-	0.569	0.774	-36.0#	106	0.00
81	T	1,2,4-Trichlorobenzene	0.516	0.529	-2.5	100	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 0

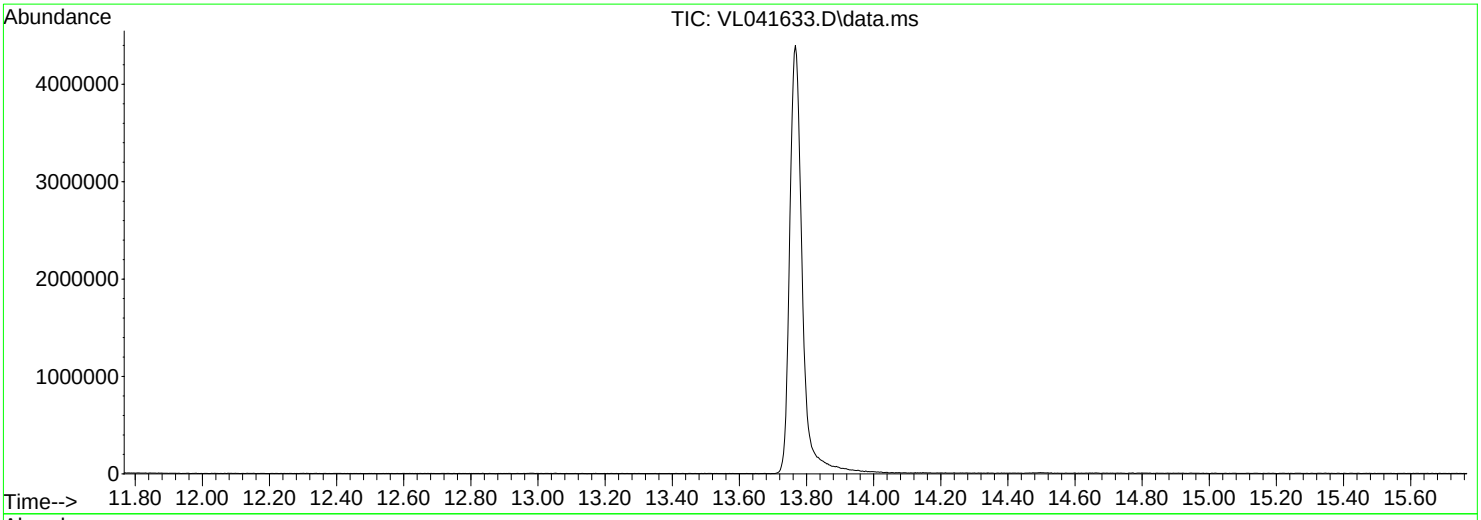
BFB

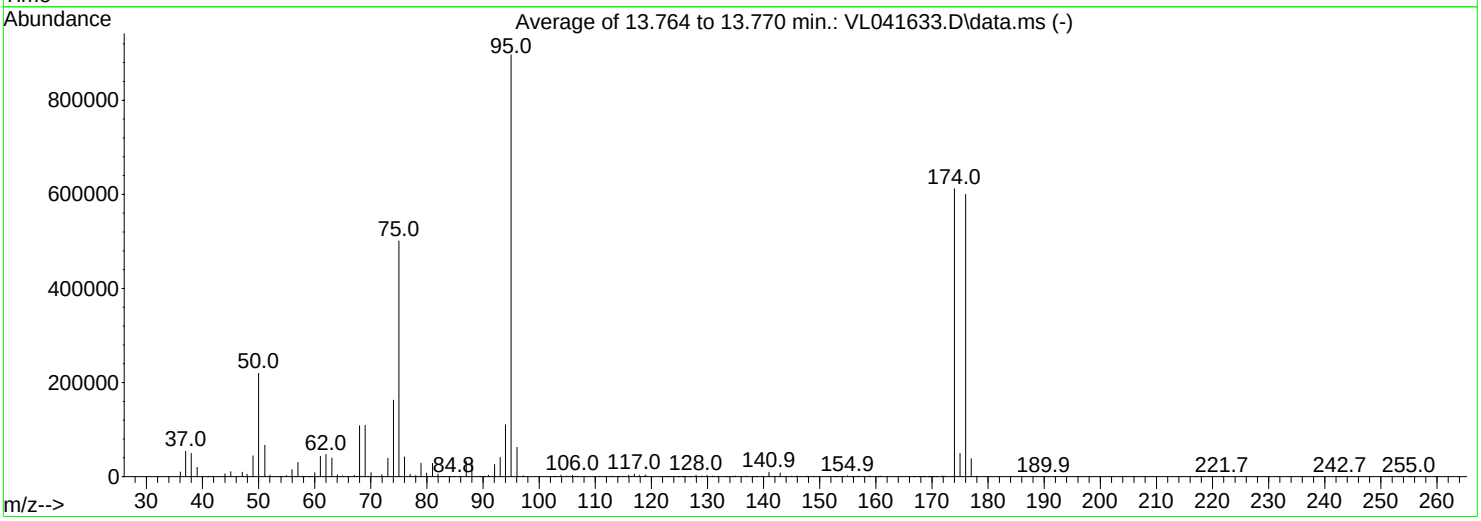
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL101024\
Data File : VL041633.D
Acq On : 10 Oct 2024 8:26
Operator : SY/MD
Sample : BFB
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
BFB

Integration File: RTEINT.P

Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091624AIR.M
Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
Last Update : Tue Sep 17 09:12:21 2024





AutoFind: Scans 3471, 3472, 3473; Background Corrected with Scan 3447

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	8	40	24.5	219669	PASS
75	95	30	66	55.9	500971	PASS
95	95	100	100	100.0	896555	PASS
96	95	5	9	7.0	62421	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	120	68.3	611947	PASS
175	174	4	9	8.1	49312	PASS
176	174	93	101	98.1	600021	PASS
177	176	5	9	6.4	38163	PASS

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL101024\
Data File : VL041634.D
Acq On : 10 Oct 2024 9:09
Operator : SY/MD
Sample : VSTDCCC010
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Oct 11 05:35:58 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091624AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 1
QLast Update : Tue Sep 17 09:12:21 2024
Response via : Initial Calibration

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Manual Integrations APPROVED
Reviewed By :Semsettin Yesilyurt 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	5.176	49	1116594	10.000	ppbv		0.00
33) 1,4-Difluorobenzene	6.642	114	3049006	10.000	ppbv		0.01
55) Chlorobenzene-d5	11.455	117	2937125m	10.000	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	13.767	95	2153273	9.959	ppbv		0.02
Spiked Amount 10.000	Range 65 - 135		Recovery = 99.600%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	2.706	85	1130095	7.008	ppbv		97
3) Chlorodifluoromethane	2.648	51	1289856	9.524	ppbv		100
4) Chloromethane	2.787	50	712630	9.567	ppbv		97
5) Vinyl Chloride	2.896	62	691965	10.728	ppbv		97
6) Bromomethane	3.095	94	322241	10.042	ppbv		98
7) Chloroethane	3.172	64	246733	9.836	ppbv		98
8) Dichlorotetrafluoroethane	2.832	85	1655253	9.786	ppbv		100
9) Propene	2.668	41	599061	10.487	ppbv		100
10) Heptane	7.565	43	1495305	11.180	ppbv		99
11) Trichlorofluoromethane	3.539	101	1646387	9.595	ppbv		97
12) 1,1,2-Trichlorotrifluo...	4.044	101	1250671	10.064	ppbv		100
13) Ethanol	3.227	45	20300m	4.727	ppbv		
14) Bromoethene	3.343	108	495061	10.506	ppbv		99
15) Acetone	3.446	43	1249396	8.913	ppbv		99
16) 1,3-Butadiene	2.960	39	676168	9.917	ppbv		99
17) tert-Butyl alcohol	3.857	59	1191946	9.668	ppbv		100
18) 1,1-Dichloroethene	3.857	96	551572	10.484	ppbv		98
19) Isopropyl Alcohol	3.555	45	615386	8.575	ppbv	#	96
20) Methylene Chloride	3.912	84	464409	8.818	ppbv		95
21) Allyl Chloride	3.976	41	865624	10.654	ppbv		99
22) trans-1,2-Dichloroethene	4.426	96	570828	10.876	ppbv		99
23) Vinyl Acetate	4.606	43	903279	11.715	ppbv		99
24) 1,1-Dichloroethane	4.545	63	1207986	10.438	ppbv		99
25) Ethyl Acetate	5.188	43	2682283	10.659	ppbv		100
26) Hexane	5.195	57	1086351	10.351	ppbv		99
27) Carbon Disulfide	4.102	76	1341344	12.023	ppbv		100
28) Methyl tert-Butyl Ether	4.568	73	708228	10.946	ppbv		100
29) Chloroform	5.259	83	1696517	9.878	ppbv		97
30) Cyclohexane	6.584	84	922809	11.407	ppbv		99
31) cis-1,2-Dichloroethene	5.060	61	1042609	10.464	ppbv		98
32) 1,1,1-Trichloroethane	5.986	97	1677460	10.966	ppbv		99
34) 2-Butanone	4.767	43	1384558	9.523	ppbv		100
35) Carbon Tetrachloride	6.478	117	1727708	11.549	ppbv		98
36) Benzene	6.356	78	2326680	10.988	ppbv		99
37) 1,2-Dichloroethane	5.793	62	1288313	10.486	ppbv		99
38) Trichloroethene	7.278	130	1219672	11.185	ppbv		98
39) 1,2-Dichloropropane	7.063	63	892988	10.366	ppbv		97
40) 1,4-Dioxane	7.269	88	361348	11.128	ppbv	#	100
41) Tetrahydrofuran	5.542	42	947912	11.848	ppbv		99
42) Bromodichloromethane	7.237	83	1859423	10.878	ppbv		100
43) Methyl Methacrylate	7.462	69	903456	11.923	ppbv		100
44) 2,2,4-Trimethylpentane	7.314	57	3921613	10.705	ppbv		99
45) t-1,3-Dichloropropene	8.696	75	810834	13.272	ppbv		100

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL101024\
Data File : VL041634.D
Acq On : 10 Oct 2024 9:09
Operator : SY/MD
Sample : VSTDCCC010
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Oct 11 05:35:58 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091624AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 1
QLast Update : Tue Sep 17 09:12:21 2024
Response via : Initial Calibration

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46)	cis-1,3-Dichloropropene	8.130	75	1141894	12.758	ppbv	98
47)	1,1,2-Trichloroethane	8.889	97	963782	10.537	ppbv	97
48)	Dibromochloromethane	9.700	129	1581721	11.414	ppbv	100
49)	Bromoform	12.397	173	1388441	11.672	ppbv	99
50)	4-Methyl-2-Pentanone	8.169	43	2588139	11.527	ppbv	99
51)	2-Hexanone	9.539	43	2045371	12.044	ppbv	100
52)	Tetrachloroethene	10.606	164	862099	11.244	ppbv	98
53)	Toluene	9.208	91	2687659	11.957	ppbv	100
54)	1,2-Dibromoethane	9.999	107	1301261	11.553	ppbv	98
56)	1,1,1,2-Tetrachloroethane	11.497	131	1180950	10.298	ppbv	97
57)	Chlorobenzene	11.516	112	2110229	9.965	ppbv	99
58)	Ethyl Benzene	12.079	91	3626835	11.535	ppbv	98
59)	m/p-Xylene	12.359	91	6144139m	21.956	ppbv	
60)	o-Xylene	13.050	91	2979311	11.105	ppbv	99
61)	Styrene	12.886	104	1447771	12.917	ppbv	100
62)	Isopropylbenzene	14.021	105	4288010	10.549	ppbv	100
63)	1,1,2,2-Tetrachloroethane	13.037	83	1419171	10.346	ppbv	100
64)	n-propylbenzene	14.905	120	1149141	10.947	ppbv	99
65)	tert-Butylbenzene	16.082	119	3860758	10.362	ppbv	100
66)	Benzyl Chloride	16.313	91	231952m	11.975	ppbv	
67)	sec-Butylbenzene	16.625	105	5435465	10.515	ppbv	100
69)	p-Isopropyltoluene	16.985	119	4506632	10.771	ppbv	100
70)	n-Butylbenzene	17.876	91	4657271	10.625	ppbv	100
71)	2-Chlorotoluene	14.793	91	3245934	10.853	ppbv	99
72)	4-Ethyltoluene	15.182	105	3525876	11.243	ppbv	99
73)	1,3,5-Trimethylbenzene	15.342	105	3026720	10.930	ppbv	97
74)	1,2,4-Trimethylbenzene	16.098	105	3379945	10.427	ppbv	99
75)	1,3-Dichlorobenzene	16.323	146	2062210	10.152	ppbv	99
76)	1,4-Dichlorobenzene	16.465	146	2004245	10.296	ppbv	99
77)	1,2-Dichlorobenzene	17.137	146	2006325	10.004	ppbv	99
78)	Hexachloro-1,3-Butadiene	22.622	225	1423756	8.606	ppbv	100
79)	Naphthalene	21.374	128	2824673	11.841	ppbv	98
80)	Naphthalene,2-methyl-	24.368	142	1241942	7.430	ppbv	99
81)	1,2,4-Trichlorobenzene	21.133	180	1466922	9.672	ppbv	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

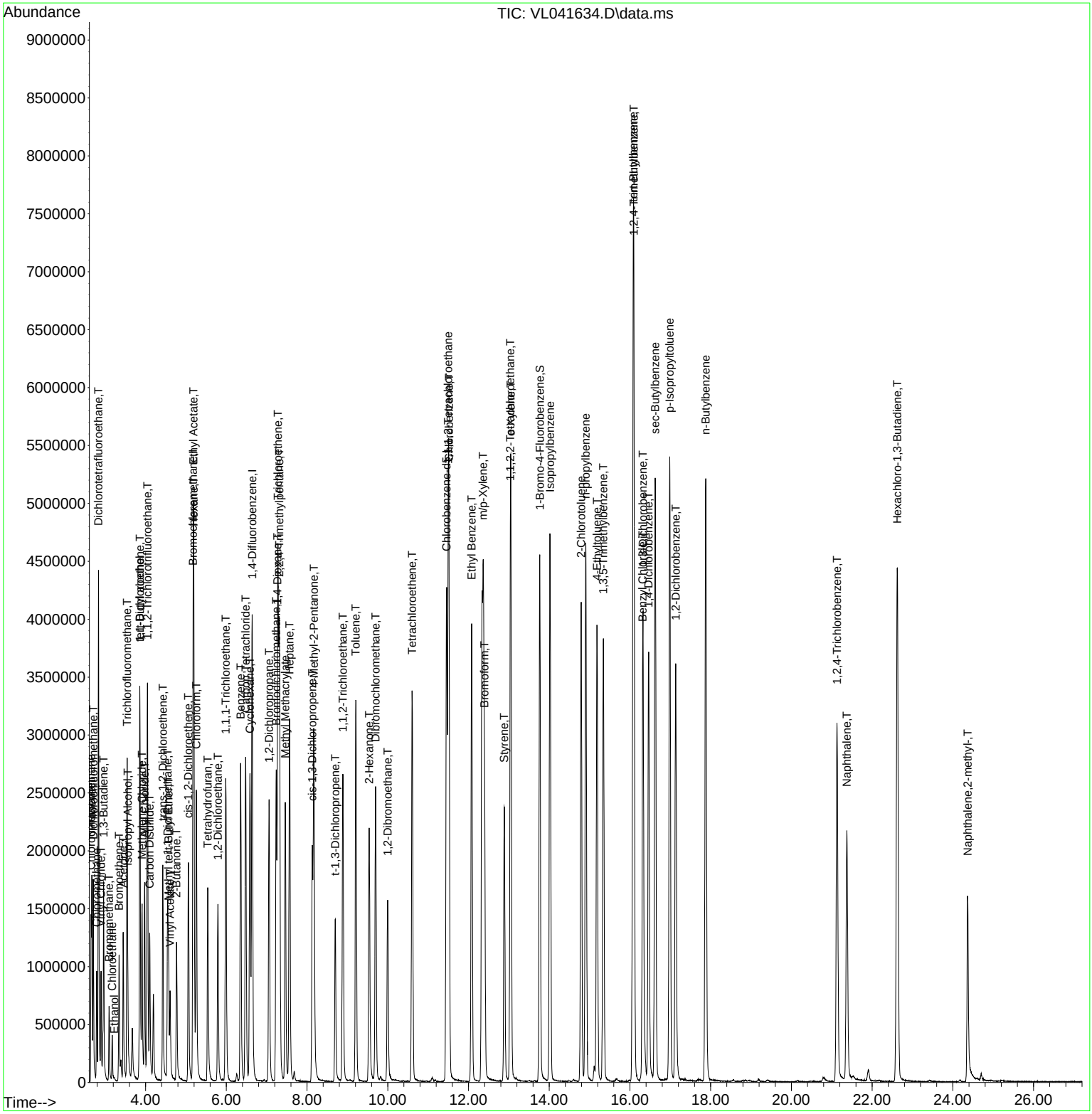
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL101024\
Data File : VL041634.D
Acq On : 10 Oct 2024 9:09
Operator : SY/MD
Sample : VSTDCCC010
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Oct 11 05:35:58 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091624AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug
QLast Update : Tue Sep 17 09:12:21 2024
Response via : Initial Calibration

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024



Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL101024\
Data File : VL041634.D
Acq On : 10 Oct 2024 9:09
Operator : SY/MD
Sample : VSTDCCC010
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
LabSampleId :
VSTDCCC010

Quant Time: Oct 11 05:35:58 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091624AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Tue Sep 17 09:12:21 2024
Response via : Initial Calibration

Min. RRF : 0.050 Min. Rel. Area : 20% Max. R.T. Dev 0.50min
Max. RRF Dev : 30% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Bromochloromethane	1.000	1.000	0.0	97	0.00
2	T	Dichlorodifluoromethane	1.444	1.012	29.9	75	0.00
3		Chlorodifluoromethane	1.213	1.155	4.8	101	0.00
4		Chloromethane	0.667	0.638	4.3	101	0.00
5	T	Vinyl Chloride	0.578	0.620	-7.3	102	0.00
6	T	Bromomethane	0.287	0.289	-0.7	102	0.00
7		Chloroethane	0.225	0.221	1.8	100	0.00
8	T	Dichlorotetrafluoroethane	1.515	1.482	2.2	101	0.00
9	T	Propene	0.512	0.537	-4.9	101	0.00
10	T	Heptane	1.198	1.339	-11.8	102	0.00
11	T	Trichlorofluoromethane	1.537	1.474	4.1	100	0.00
12	T	1,1,2-Trichlorotrifluoroeth	1.113	1.120	-0.6	104	0.00
13		Ethanol	0.038	0.018#	52.6#	74	0.00
14	T	Bromoethene	0.422	0.443	-5.0	101	0.00
15	T	Acetone	1.255	1.119	10.8	105	0.00
16	T	1,3-Butadiene	0.611	0.606	0.8	101	0.00
17		tert-Butyl alcohol	1.104	1.067	3.4	95	0.00
18	T	1,1-Dichloroethene	0.471	0.494	-4.9	100	0.00
19	T	Isopropyl Alcohol	0.643	0.551	14.3	85	0.00
20	T	Methylene Chloride	0.472	0.416	11.9	104	0.00
21	T	Allyl Chloride	0.728	0.775	-6.5	102	0.00
22	T	trans-1,2-Dichloroethene	0.470	0.511	-8.7	107	0.00
23	T	Vinyl Acetate	0.691	0.809	-17.1	113	0.00
24	T	1,1-Dichloroethane	1.036	1.082	-4.4	106	0.00
25	T	Ethyl Acetate	2.254	2.402	-6.6	102	0.00
26	T	Hexane	0.940	0.973	-3.5	102	0.00
27	T	Carbon Disulfide	0.999	1.201	-20.2	105	0.00
28	T	Methyl tert-Butyl Ether	0.579	0.634	-9.5	110	0.00
29	T	Chloroform	1.538	1.519	1.2	101	0.00
30	T	Cyclohexane	0.725	0.826	-13.9	102	0.00
31	T	cis-1,2-Dichloroethene	0.892	0.934	-4.7	100	0.00
32	T	1,1,1-Trichloroethane	1.370	1.502	-9.6	101	0.00
33	I	1,4-Difluorobenzene	1.000	1.000	0.0	96	0.01
34	T	2-Butanone	0.477	0.454	4.8	92	0.00
35	T	Carbon Tetrachloride	0.491	0.567	-15.5	100	0.00
36	T	Benzene	0.694	0.763	-9.9	102	0.00
37	T	1,2-Dichloroethane	0.403	0.423	-5.0	101	0.00
38	T	Trichloroethene	0.358	0.400	-11.7	101	0.01
39	T	1,2-Dichloropropane	0.283	0.293	-3.5	102	0.01
40	T	1,4-Dioxane	0.107	0.119	-11.2	100	0.00
41	T	Tetrahydrofuran	0.262	0.311	-18.7	103	0.00
42	T	Bromodichloromethane	0.561	0.610	-8.7	102	0.00
43		Methyl Methacrylate	0.249	0.296	-18.9	101	0.01
44	T	2,2,4-Trimethylpentane	1.202	1.286	-7.0	102	0.00
45	T	t-1,3-Dichloropropene	0.200	0.266	-33.0#	103	0.00
46	T	cis-1,3-Dichloropropene	0.294	0.375	-27.6	101	0.00
47	T	1,1,2-Trichloroethane	0.300	0.316	-5.3	101	0.02
48	T	Dibromochloromethane	0.455	0.519	-14.1	101	0.01

Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL101024\
Data File : VL041634.D
Acq On : 10 Oct 2024 9:09
Operator : SY/MD
Sample : VSTDCCC010
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
LabSampleId :
VSTDCCC010

Quant Time: Oct 11 05:35:58 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091624AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Tue Sep 17 09:12:21 2024
Response via : Initial Calibration

Min. RRF : 0.050 Min. Rel. Area : 20% Max. R.T. Dev 0.50min
Max. RRF Dev : 30% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	Bromoform	0.390	0.455	-16.7	101	0.01
50	T	4-Methyl-2-Pentanone	0.736	0.849	-15.4	102	0.01
51	T	2-Hexanone	0.557	0.671	-20.5	102	0.01
52	T	Tetrachloroethene	0.251	0.283	-12.7	101	0.02
53	T	Toluene	0.737	0.881	-19.5	101	0.00
54	T	1,2-Dibromoethane	0.369	0.427	-15.7	100	0.01
55	I	Chlorobenzene-d5	1.000	1.000	0.0	96	0.00
56		1,1,1,2-Tetrachloroethane	0.390	0.402	-3.1	102	0.00
57	T	Chlorobenzene	0.721	0.718	0.4	100	0.01
58	T	Ethyl Benzene	1.070	1.235	-15.4	101	0.01
59	T	m/p-Xylene	0.953	1.046	-9.8	100	0.01
60	T	o-Xylene	0.913	1.014	-11.1	101	0.02
61	T	Styrene	0.382	0.493	-29.1	101	0.01
62		Isopropylbenzene	1.384	1.460	-5.5	100	0.02
63	T	1,1,2,2-Tetrachloroethane	0.467	0.483	-3.4	101	0.01
64		n-propylbenzene	0.357	0.391	-9.5	100	0.00
65		tert-Butylbenzene	1.269	1.314	-3.5	100	0.02
66	T	Benzyl Chloride	0.066	0.079	-19.7	113	0.00
67		sec-Butylbenzene	1.760	1.851	-5.2	100	0.01
68	S	1-Bromo-4-Fluorobenzene	0.736	0.733	0.4	94	0.02
69		p-Isopropyltoluene	1.425	1.534	-7.6	99	0.01
70		n-Butylbenzene	1.492	1.586	-6.3	100	0.01
71		2-Chlorotoluene	1.018	1.105	-8.5	101	0.02
72	T	4-Ethyltoluene	1.068	1.200	-12.4	100	0.01
73	T	1,3,5-Trimethylbenzene	0.943	1.031	-9.3	100	0.02
74	T	1,2,4-Trimethylbenzene	1.104	1.151	-4.3	101	0.01
75	T	1,3-Dichlorobenzene	0.692	0.702	-1.4	99	0.02
76	T	1,4-Dichlorobenzene	0.663	0.682	-2.9	99	0.01
77	T	1,2-Dichlorobenzene	0.683	0.683	0.0	99	0.02
78	T	Hexachloro-1,3-Butadiene	0.563	0.485	13.9	94	0.01
79	T	Naphthalene	0.812	0.962	-18.5	89	0.02
80	T	Naphthalene,2-methyl-	0.569	0.423	25.7	54	0.02
81	T	1,2,4-Trichlorobenzene	0.516	0.499	3.3	88	0.02

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL101024\
Data File : VL041635.D
Acq On : 10 Oct 2024 9:59
Operator : SY/MD
Sample : VL1010ABL01
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VL1010ABL01

Quant Time: Oct 11 06:54:37 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091624AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Tue Sep 17 09:12:21 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	5.173	49	1216561	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.635	114	3268805	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.452	117	2877888	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.764	95	2090842	9.869	ppbv	0.01
Spiked Amount 10.000	Range 65 - 135		Recovery = 98.700%			
Target Compounds						Qvalue

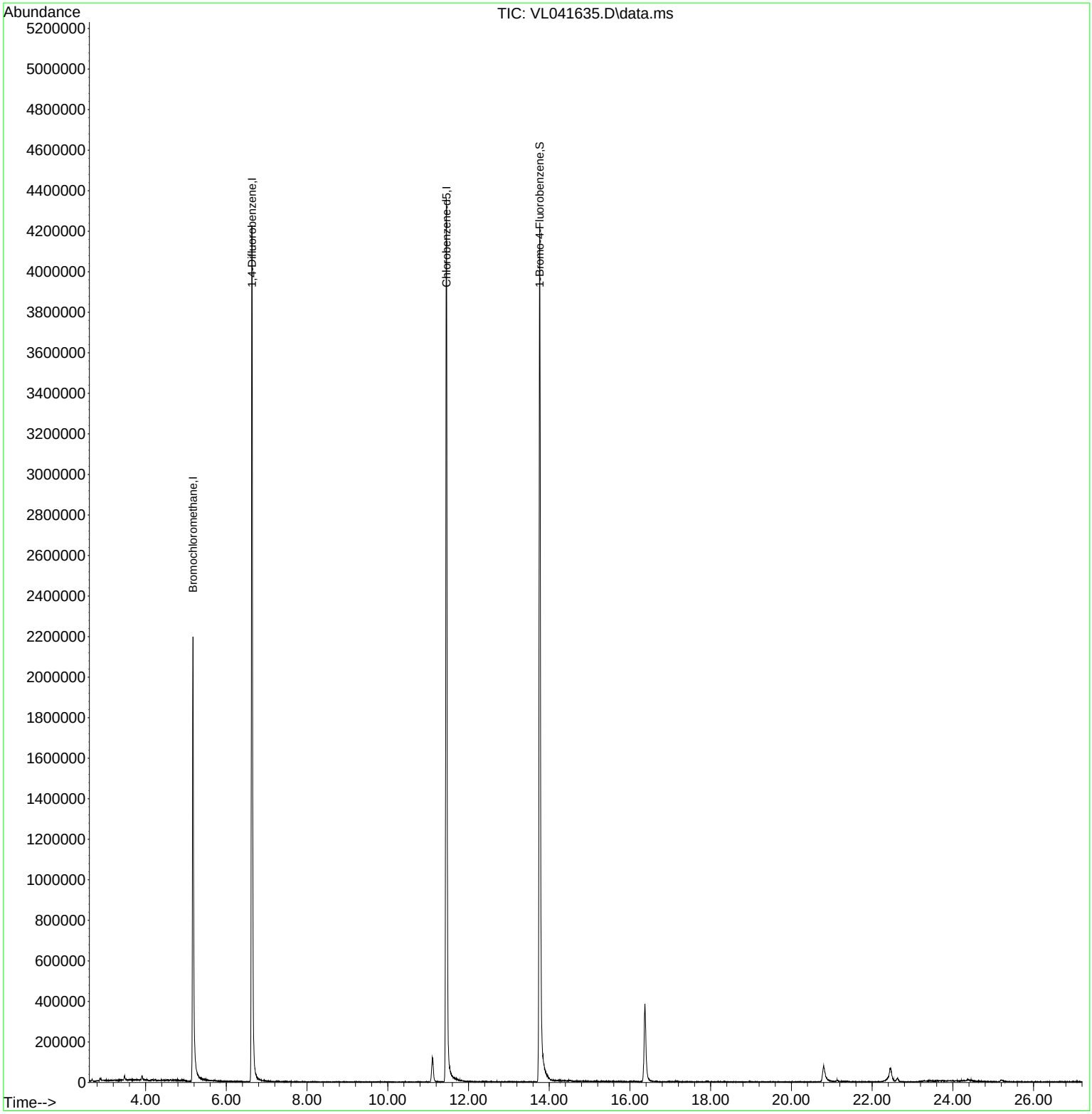
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL101024\
Data File : VL041635.D
Acq On : 10 Oct 2024 9:59
Operator : SY/MD
Sample : VL1010ABL01
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VL1010ABL01

Quant Time: Oct 11 06:54:37 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091624AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Tue Sep 17 09:12:21 2024
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL101024\
Data File : VL041636.D
Acq On : 10 Oct 2024 10:38
Operator : SY/MD
Sample : VL1010ABS01
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VL1010ABS01

Manual Integrations APPROVED
Reviewed By :Semsettin Yesilyurt 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024

Quant Time: Oct 11 05:37:20 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091624AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 1
QLast Update : Tue Sep 17 09:12:21 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	5.176	49	1139395	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.639	114	3120825	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.455	117	3104178m	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.767	95	2267106	9.921	ppbv	0.02
Spiked Amount 10.000	Range 65 - 135		Recovery = 99.200%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.706	85	1283214	7.799	ppbv	100
3) Chlorodifluoromethane	2.649	51	1271421	9.200	ppbv	100
4) Chloromethane	2.790	50	701590	9.230	ppbv	100
5) Vinyl Chloride	2.896	62	679675	10.327	ppbv	98
6) Bromomethane	3.095	94	259404	7.922	ppbv	99
7) Chloroethane	3.176	64	244432	9.549	ppbv	99
8) Dichlorotetrafluoroethane	2.835	85	1657160	9.601	ppbv	99
9) Propene	2.671	41	596368	10.230	ppbv	100
10) Heptane	7.565	43	1462473	10.715	ppbv	100
11) Trichlorofluoromethane	3.542	101	1648500	9.415	ppbv	99
12) 1,1,2-Trichlorotrifluo...	4.047	101	1211204	9.551	ppbv	100
13) Ethanol	3.224	45	24686m	5.633	ppbv	
14) Bromoethene	3.343	108	487834	10.145	ppbv	99
15) Acetone	3.446	43	1212615	8.477	ppbv	100
16) 1,3-Butadiene	2.960	39	684097	9.832	ppbv	98
17) tert-Butyl alcohol	3.857	59	1177694	9.362	ppbv	100
18) 1,1-Dichloroethene	3.861	96	541040	10.078	ppbv	96
19) Isopropyl Alcohol	3.555	45	619938	8.466	ppbv #	98
20) Methylene Chloride	3.912	84	438409	8.158	ppbv	93
21) Allyl Chloride	3.976	41	836957	10.095	ppbv	99
22) trans-1,2-Dichloroethene	4.427	96	522871	9.763	ppbv	97
23) Vinyl Acetate	4.610	43	898310	11.417	ppbv	98
24) 1,1-Dichloroethane	4.546	63	1175405	9.953	ppbv	99
25) Ethyl Acetate	5.189	43	2601142	10.129	ppbv	99
26) Hexane	5.195	57	1079483	10.080	ppbv	98
27) Carbon Disulfide	4.105	76	1326465	11.652	ppbv	98
28) Methyl tert-Butyl Ether	4.568	73	671301	10.167	ppbv	100
29) Chloroform	5.259	83	1685416	9.617	ppbv	99
30) Cyclohexane	6.587	84	903279	10.942	ppbv	99
31) cis-1,2-Dichloroethene	5.060	61	1016937	10.002	ppbv	97
32) 1,1,1-Trichloroethane	5.989	97	1657192	10.617	ppbv	98
34) 2-Butanone	4.767	43	1339030	8.998	ppbv	100
35) Carbon Tetrachloride	6.478	117	1724125	11.260	ppbv	99
36) Benzene	6.356	78	2294349	10.586	ppbv	99
37) 1,2-Dichloroethane	5.793	62	1255342	9.983	ppbv	99
38) Trichloroethene	7.279	130	1155435	10.352	ppbv	95
39) 1,2-Dichloropropane	7.063	63	884473	10.031	ppbv	99
40) 1,4-Dioxane	7.272	88	352255	10.598	ppbv #	100
41) Tetrahydrofuran	5.542	42	921578	11.253	ppbv	99
42) Bromodichloromethane	7.237	83	1834395	10.485	ppbv	97
43) Methyl Methacrylate	7.462	69	881765	11.369	ppbv	100
44) 2,2,4-Trimethylpentane	7.314	57	3899661	10.400	ppbv	100
45) t-1,3-Dichloropropene	8.700	75	689956	11.033	ppbv	97

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL101024\
Data File : VL041636.D
Acq On : 10 Oct 2024 10:38
Operator : SY/MD
Sample : VL1010ABS01
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Oct 11 05:37:20 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091624AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 1
QLast Update : Tue Sep 17 09:12:21 2024
Response via : Initial Calibration

Instrument :
MSVOA_L
ClientSampleId :
VL1010ABS01

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46)	cis-1,3-Dichloropropene	8.131	75	989234	10.798	ppbv	98
47)	1,1,2-Trichloroethane	8.886	97	944389	10.088	ppbv	99
48)	Dibromochloromethane	9.700	129	1544080	10.886	ppbv	100
49)	Bromoform	12.397	173	1324724	10.880	ppbv	99
50)	4-Methyl-2-Pentanone	8.169	43	2552765	11.108	ppbv	100
51)	2-Hexanone	9.539	43	2022369	11.634	ppbv	99
52)	Tetrachloroethene	10.606	164	845060	10.768	ppbv	97
53)	Toluene	9.211	91	2627949	11.422	ppbv	100
54)	1,2-Dibromoethane	9.999	107	1230231	10.671	ppbv	98
56)	1,1,1,2-Tetrachloroethane	11.500	131	1166485	9.625	ppbv	97
57)	Chlorobenzene	11.520	112	2044175	9.133	ppbv	99
58)	Ethyl Benzene	12.079	91	3540945	10.656	ppbv	99
59)	m/p-Xylene	12.362	91	5990335m	20.255	ppbv	
60)	o-Xylene	13.050	91	2922422	10.306	ppbv	100
61)	Styrene	12.889	104	1385807	11.699	ppbv	100
62)	Isopropylbenzene	14.021	105	4217117	9.817	ppbv	100
63)	1,1,2,2-Tetrachloroethane	13.037	83	1504875	10.380	ppbv	99
64)	n-propylbenzene	14.905	120	1130913	10.193	ppbv	99
65)	tert-Butylbenzene	16.082	119	3751383	9.527	ppbv	99
66)	Benzyl Chloride	16.317	91	202794	9.906	ppbv	96
67)	sec-Butylbenzene	16.625	105	5303112	9.707	ppbv	100
69)	p-Isopropyltoluene	16.986	119	4381703	9.908	ppbv	99
70)	n-Butylbenzene	17.876	91	4507387	9.730	ppbv	100
71)	2-Chlorotoluene	14.790	91	3141676	9.939	ppbv	99
72)	4-Ethyltoluene	15.185	105	3433852	10.360	ppbv	99
73)	1,3,5-Trimethylbenzene	15.346	105	2950770	10.082	ppbv	95
74)	1,2,4-Trimethylbenzene	16.101	105	3256921	9.507	ppbv	94
75)	1,3-Dichlorobenzene	16.320	146	1962843	9.142	ppbv	99
76)	1,4-Dichlorobenzene	16.465	146	1928062	9.372	ppbv	99
77)	1,2-Dichlorobenzene	17.134	146	1920976	9.063	ppbv	99
78)	Hexachloro-1,3-Butadiene	22.625	225	1343127	7.682	ppbv	99
79)	Naphthalene	21.374	128	2535281	10.056	ppbv	99
80)	Naphthalene,2-methyl-	24.368	142	876186	4.959	ppbv	99
81)	1,2,4-Trichlorobenzene	21.133	180	1347844	8.409	ppbv	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

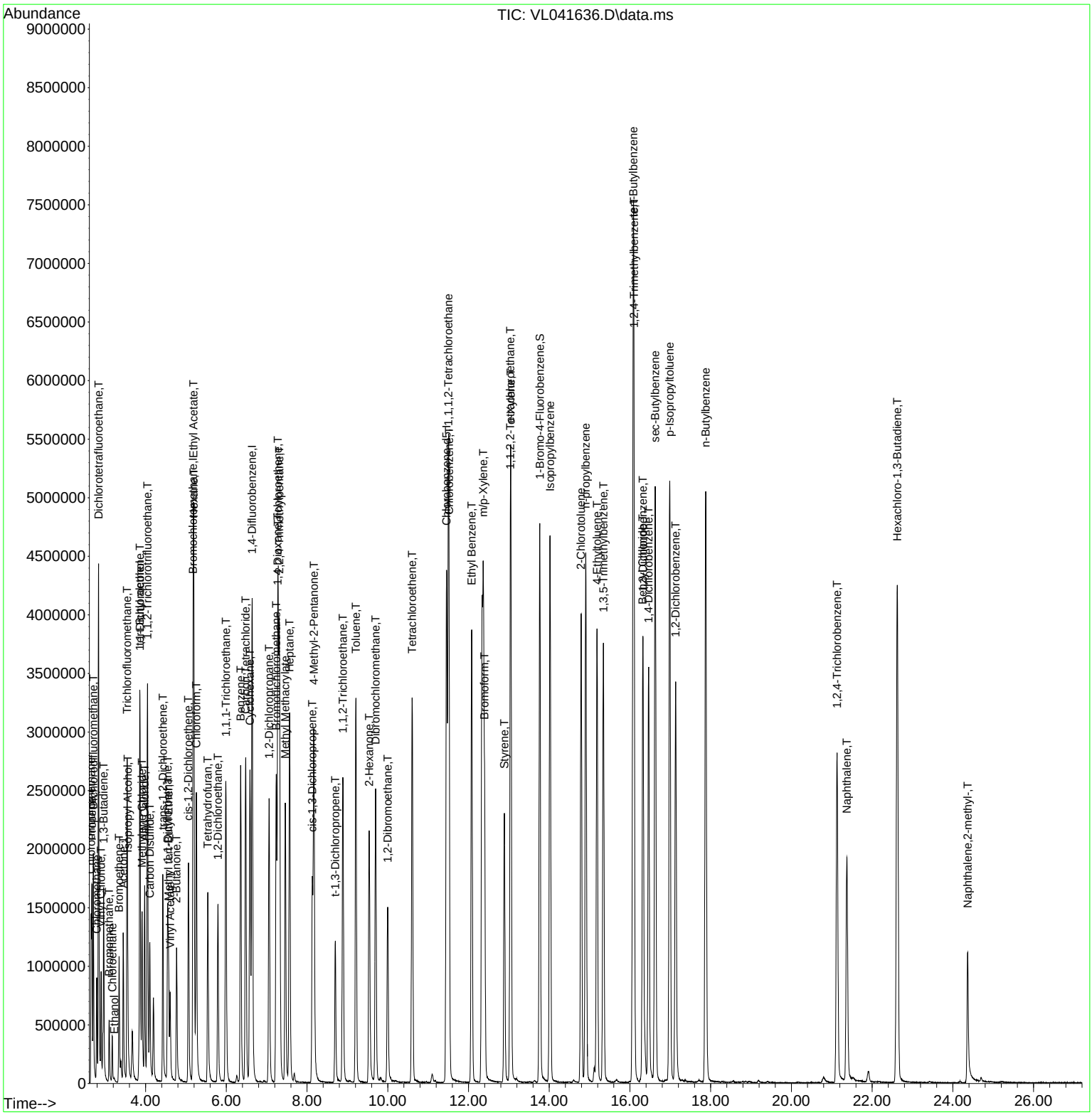
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL101024\
Data File : VL041636.D
Acq On : 10 Oct 2024 10:38
Operator : SY/MD
Sample : VL1010ABS01
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Oct 11 05:37:20 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091624AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug
QLast Update : Tue Sep 17 09:12:21 2024
Response via : Initial Calibration

Instrument :
MSVOA_L
ClientSampleId :
VL1010ABS01

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024



Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL101024\
Data File : VL041645.D
Acq On : 10 Oct 2024 16:45
Operator : SY/MD
Sample : CAN 10320
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Oct 11 05:42:27 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091624AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 1
QLast Update : Tue Sep 17 09:12:21 2024
Response via : Initial Calibration

Instrument :
MSVOA_L
ClientSampleId :
CAN 10320

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	5.179	49	993766	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.642	114	2742317	10.000	ppbv	0.01
55) Chlorobenzene-d5	11.458	117	2371014	10.000	ppbv	0.01
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.770	95	1738040	9.958	ppbv	0.02
Spiked Amount 10.000	Range 65 - 135		Recovery = 99.600%			
Target Compounds						Qvalue

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

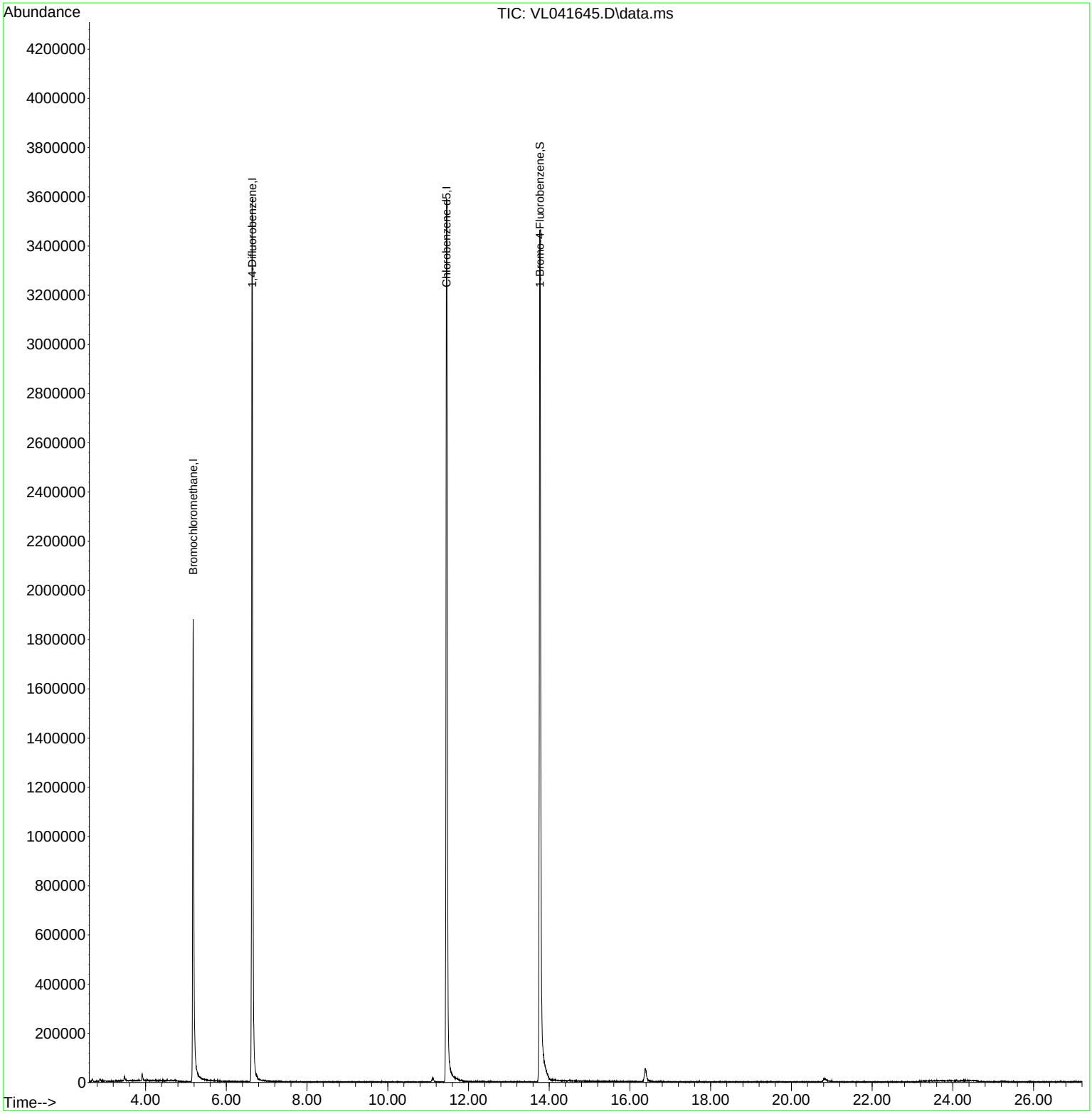
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL101024\
Data File : VL041645.D
Acq On : 10 Oct 2024 16:45
Operator : SY/MD
Sample : CAN 10320
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Oct 11 05:42:27 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091624AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug
QLast Update : Tue Sep 17 09:12:21 2024
Response via : Initial Calibration

Instrument :
MSVOA_L
ClientSampleId :
CAN 10320

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024



Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL101024\
Data File : VL041651.D
Acq On : 10 Oct 2024 20:42
Operator : SY/MD
Sample : CAN 10326
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Oct 11 05:44:26 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091624AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 1
QLast Update : Tue Sep 17 09:12:21 2024
Response via : Initial Calibration

Instrument :
MSVOA_L
ClientSampleId :
CAN 10326

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	5.172	49	986110	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.635	114	2615223	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.455	117	2326774	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.764	95	1724812	10.070	ppbv	0.01
Spiked Amount 10.000	Range 65 - 135		Recovery = 100.700%			
Target Compounds						Qvalue

(#) = qualifier out of range (m) = manual integration (+) = signals summed

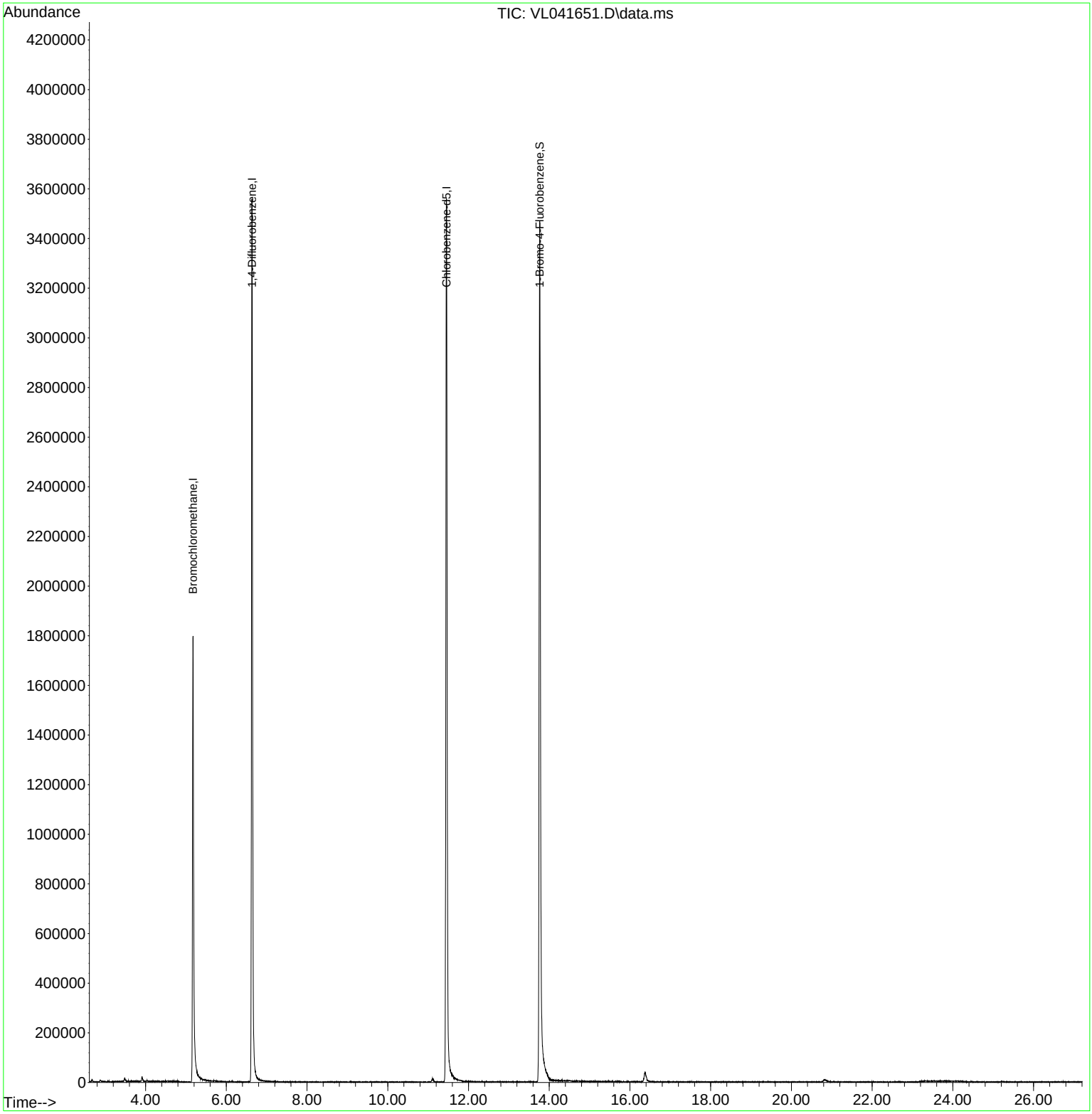
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL101024\
Data File : VL041651.D
Acq On : 10 Oct 2024 20:42
Operator : SY/MD
Sample : CAN 10326
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Oct 11 05:44:26 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091624AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug
QLast Update : Tue Sep 17 09:12:21 2024
Response via : Initial Calibration

Instrument :
MSVOA_L
ClientSampleId :
CAN 10326

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: MSVOA_L

Daily Analysis Runlog For Sequence/QCBatch ID # VL091624

Review By	Semsettin Yesilyurt	Review On	9/17/2024 11:23:42 AM				
Supervise By	Mahesh Dadoda	Supervise On	9/17/2024 6:52:14 PM				
SubDirectory	VL091624	HP Acquire Method	AIR-TO15		HP Processing Method	VL091624AIR.M	

STD. NAME	STD REF.#
Tune/Reschk	AP2542
Initial Calibration Stds	AP2546,AP2547,AP2548
CCC	AP2546
Internal Standard/PEM	AP2542
ICV/I.BLK	AP2544
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VL041590.D	16 Sep 2024 11:50	SY/MD	Ok
2	VSTDICC0.5	VL041591.D	16 Sep 2024 12:36	SY/MD	Ok,M
3	VSTDICCC010	VL041592.D	16 Sep 2024 13:15	SY/MD	Ok,M
4	VSTDICC002	VL041593.D	16 Sep 2024 13:56	SY/MD	Ok,M
5	VSTDICC001	VL041594.D	16 Sep 2024 14:36	SY/MD	Ok,M
6	VSTDICC0.5	VL041595.D	16 Sep 2024 15:16	SY/MD	Not Ok
7	VSTDICC0.1	VL041596.D	16 Sep 2024 15:56	SY/MD	Ok,M
8	VSTDICC0.03	VL041597.D	16 Sep 2024 16:38	SY/MD	Ok,M
9	VSTDICC015	VL041598.D	16 Sep 2024 17:20	SY/MD	Ok
10	VSTDICV010	VL041599.D	16 Sep 2024 18:46	SY/MD	Ok,M

M : Manual Integration

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: MSVOA_L

Daily Analysis Runlog For Sequence/QCBatch ID # VL101024

Review By	Semsettin Yesilyurt	Review On	10/11/2024 2:40:41 PM				
Supervise By	Mahesh Dadoda	Supervise On	10/14/2024 2:47:00 PM				
SubDirectory	VL101024	HP Acquire Method	AIR-TO15		HP Processing Method	VL091624AIR.M	

STD. NAME	STD REF.#
Tune/Reschk	AP2543
Initial Calibration Stds	AP2546,AP2547,AP2548
CCC	AP2546
Internal Standard/PEM	AP2543
ICV/I.BLK	AP2544
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VL041633.D	10 Oct 2024 8:26	SY/MD	Ok
2	VSTDCCC010	VL041634.D	10 Oct 2024 9:09	SY/MD	Ok,M
3	VL1010ABL01	VL041635.D	10 Oct 2024 9:59	SY/MD	Ok
4	VL1010ABS01	VL041636.D	10 Oct 2024 10:38	SY/MD	Ok,M
5	P4339-01	VL041637.D	10 Oct 2024 11:32	SY/MD	Ok,M
6	P4339-01DL	VL041638.D	10 Oct 2024 12:10	SY/MD	Not Ok
7	P4339-02	VL041639.D	10 Oct 2024 12:49	SY/MD	Not Ok
8	P4339-02DL	VL041640.D	10 Oct 2024 13:28	SY/MD	Not Ok
9	P4339-02	VL041641.D	10 Oct 2024 14:07	SY/MD	Ok
10	P4339-01DUP	VL041642.D	10 Oct 2024 14:46	SY/MD	Ok,M
11	VIBLK	VL041643.D	10 Oct 2024 15:26	SY/MD	Ok
12	CAN 10300	VL041644.D	10 Oct 2024 16:05	SY/MD	Ok
13	CAN 10320	VL041645.D	10 Oct 2024 16:45	SY/MD	Ok,M
14	CAN 10492	VL041646.D	10 Oct 2024 17:24	SY/MD	Ok,M
15	CAN 10329	VL041647.D	10 Oct 2024 18:04	SY/MD	Ok,M
16	CAN 10606	VL041648.D	10 Oct 2024 18:44	SY/MD	Ok,M
17	CAN 10267	VL041649.D	10 Oct 2024 19:23	SY/MD	Ok,M
18	CAN 10601	VL041650.D	10 Oct 2024 20:03	SY/MD	Ok,M
19	CAN 10326	VL041651.D	10 Oct 2024 20:42	SY/MD	Ok,M
20	P4368-14 0.5	VL041652.D	10 Oct 2024 21:21	SY/MD	Ok,M
21	P4368-13 0.45	VL041653.D	10 Oct 2024 22:00	SY/MD	Ok,M

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: MSVOA_L

Daily Analysis Runlog For Sequence/QCBatch ID # VL101024

Review By	Semsettin Yesilyurt	Review On	10/11/2024 2:40:41 PM				
Supervise By	Mahesh Dadoda	Supervise On	10/14/2024 2:47:00 PM				
SubDirectory	VL101024	HP Acquire Method	AIR-TO15		HP Processing Method	VL091624AIR.M	

STD. NAME	STD REF.#
Tune/Reschk	AP2543
Initial Calibration Stds	AP2546,AP2547,AP2548
CCC	AP2546
Internal Standard/PEM	AP2543
ICV/I.BLK	AP2544
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	P4368-13 0.40	VL041654.D	10 Oct 2024 22:40	SY/MD	Ok,M
23	P4368-13 0.1	VL041655.D	10 Oct 2024 23:19	SY/MD	Ok,M
24	P4368-13 0.03	VL041656.D	10 Oct 2024 23:58	SY/MD	Ok,M
25	P4368-14 0.03	VL041657.D	11 Oct 2024 00:37	SY/MD	Ok,M
26	VSTDCCC010	VL041658.D	11 Oct 2024 1:15	SY/MD	Ok,M

M : Manual Integration