

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL040824\
 Data File : VL041150.D
 Acq On : 8 Apr 2024 15:57
 Operator : SY/MD
 Sample : VSTDC0010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDC0010EC

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 04/09/2024
 Supervised By : Mahesh Dadoda 04/09/2024

Quant Time: Apr 09 01:17:04 2024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL040424AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2

QLast Update : Tue Apr 09 01:10:08 2024

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Bromochloromethane	5.185	49	1306451	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.645	114	3498254	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.459	117	3411018m	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.764 95 2647449 9.652 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 96.500%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.729	85	1949294	8.723	ppbv	100
3) Chlorodifluoromethane	2.678	51	1677435	8.336	ppbv	98
4) Chloromethane	2.813	50	717628	9.424	ppbv	99
5) Vinyl Chloride	2.922	62	743127	10.103	ppbv	98
6) Bromomethane	3.121	94	453429	16.376	ppbv	90
7) Chloroethane	3.195	64	260388	9.646	ppbv	98
8) Dichlorotetrafluoroethane	2.858	85	1760054	9.233	ppbv	97
9) Propene	2.694	41	643740	10.057	ppbv	94
10) Heptane	7.571	43	1552910	10.218	ppbv	98
11) Trichlorofluoromethane	3.562	101	1840396	9.082	ppbv	97
12) 1,1,2-Trichlorotrifluo...	4.063	101	1331292	9.076	ppbv	99
13) Ethanol	3.237	45	185446	12.180	ppbv	98
14) Bromoethene	3.366	108	562492	9.736	ppbv	100
15) Acetone	3.465	43	1495749	10.574	ppbv	98
16) 1,3-Butadiene	2.983	39	695719	10.019	ppbv	99
17) tert-Butyl alcohol	3.874	59	1379741	10.770	ppbv	99
18) 1,1-Dichloroethene	3.877	96	574296	9.171	ppbv	95
19) Isopropyl Alcohol	3.571	45	948914	11.042	ppbv #	96
20) Methylene Chloride	3.932	84	498066	8.537	ppbv	99
21) Allyl Chloride	3.993	41	935588	10.854	ppbv	98
22) trans-1,2-Dichloroethene	4.443	96	617898	9.412	ppbv	97
23) Vinyl Acetate	4.620	43	1585466	10.971	ppbv	98
24) 1,1-Dichloroethane	4.559	63	1258394	9.570	ppbv	100
25) Ethyl Acetate	5.198	43	2626851	9.888	ppbv	99
26) Hexane	5.208	57	1163538	9.761	ppbv	99
27) Carbon Disulfide	4.121	76	1424686	9.754	ppbv	99
28) Methyl tert-Butyl Ether	4.581	73	885018	9.838	ppbv	99
29) Chloroform	5.269	83	1901091	9.461	ppbv	97
30) Cyclohexane	6.597	84	994813	10.245	ppbv	98
31) cis-1,2-Dichloroethene	5.073	61	1162110	10.299	ppbv	99
32) 1,1,1-Trichloroethane	5.996	97	1869429	10.064	ppbv	99
34) 2-Butanone	4.780	43	1519213	10.263	ppbv	100
35) Carbon Tetrachloride	6.484	117	1943541	9.758	ppbv	99
36) Benzene	6.365	78	2470651	9.617	ppbv	98
37) 1,2-Dichloroethane	5.800	62	1446323	9.377	ppbv	99
38) Trichloroethene	7.282	130	996536	10.737	ppbv	92
39) 1,2-Dichloropropane	7.066	63	962397	9.501	ppbv	98
40) 1,4-Dioxane	7.275	88	382201	10.827	ppbv	74
41) Tetrahydrofuran	5.552	42	1023981	10.389	ppbv	99
42) Bromodichloromethane	7.243	83	2115294	9.599	ppbv	97
43) Methyl Methacrylate	7.465	69	1027932	10.505	ppbv	99
44) 2,2,4-Trimethylpentane	7.320	57	4078831	9.591	ppbv	98
45) t-1,3-Dichloropropene	8.703	75	1184569	20.542	ppbv	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL040824\
 Data File : VL041150.D
 Acq On : 8 Apr 2024 15:57
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 04/09/2024
 Supervised By :Mahesh Dadoda 04/09/2024

Quant Time: Apr 09 01:17:04 2024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL040424AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2

QLast Update : Tue Apr 09 01:10:08 2024

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.137	75	1494650	20.033	ppbv	96
47) 1,1,2-Trichloroethane	8.893	97	1049891	9.590	ppbv	98
48) Dibromochloromethane	9.703	129	1798525	10.349	ppbv	99
49) Bromoform	12.397	173	1411854	10.255	ppbv	99
50) 4-Methyl-2-Pentanone	8.169	43	2742636	10.528	ppbv	98
51) 2-Hexanone	9.539	43	2272159	12.580	ppbv #	99
52) Tetrachloroethene	10.606	164	854455	10.425	ppbv	95
53) Toluene	9.211	91	2868009	10.603	ppbv	100
54) 1,2-Dibromoethane	9.999	107	1630571	11.943	ppbv	97
56) 1,1,1,2-Tetrachloroethane	11.497	131	1302133	9.289	ppbv	98
57) Chlorobenzene	11.516	112	2210208	9.466	ppbv	96
58) Ethyl Benzene	12.079	91	3800871	10.178	ppbv	98
59) m/p-Xylene	12.359	91	6468100m	19.178	ppbv	
60) o-Xylene	13.050	91	3108583	9.728	ppbv	99
61) Styrene	12.886	104	1636183	11.555	ppbv	99
62) Isopropylbenzene	14.018	105	4485735	9.429	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.037	83	2341482	9.326	ppbv	99
64) n-propylbenzene	14.905	120	1188620	9.955	ppbv	96
65) tert-Butylbenzene	16.079	119	4107514	9.890	ppbv	98
66) Benzyl Chloride	16.317	91	685077	25.070	ppbv	99
67) sec-Butylbenzene	16.626	105	5806320	9.676	ppbv	100
69) p-Isopropyltoluene	16.982	119	4791672	10.240	ppbv	98
70) n-Butylbenzene	17.876	91	5137353	10.106	ppbv	99
71) 2-Chlorotoluene	14.790	91	3479441	9.535	ppbv	98
72) 4-Ethyltoluene	15.182	105	3655187	10.241	ppbv	99
73) 1,3,5-Trimethylbenzene	15.339	105	3161988	10.045	ppbv	99
74) 1,2,4-Trimethylbenzene	16.095	105	3485092	9.674	ppbv	94
75) 1,3-Dichlorobenzene	16.320	146	2036225	9.681	ppbv	100
76) 1,4-Dichlorobenzene	16.465	146	1976872	9.662	ppbv	99
77) 1,2-Dichlorobenzene	17.134	146	1990443	9.745	ppbv	99
78) Hexachloro-1,3-Butadiene	22.625	225	1313252	9.671	ppbv	99
79) Naphthalene	21.375	128	3268537	14.142	ppbv	100
80) Naphthalene,2-methyl-	24.365	142	982629	21.826	ppbv	96
81) 1,2,4-Trichlorobenzene	21.130	180	1479272	11.417	ppbv	99

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

