

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL081924\
 Data File : VL041542.D
 Acq On : 19 Aug 2024 10:48
 Operator : SY/MD
 Sample : VL0819ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0819ABS01

Quant Time: Aug 20 02:14:35 2024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072524AIR.M

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

QLast Update : Tue Aug 20 02:10:04 2024

Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 08/20/2024
 Supervised By : Mahesh Dadoda 08/20/2024

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

Internal Standards						
1) Bromochloromethane	5.211	49	953834	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.674	114	2568604	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.487	117	2570572	10.000	ppbv	# 0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.796 95 1934486 9.779 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 97.800%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.748	85	866011	5.278	ppbv	100
3) Chlorodifluoromethane	2.694	51	1148497	10.115	ppbv	100
4) Chloromethane	2.832	50	626957	10.381	ppbv	99
5) Vinyl Chloride	2.941	62	632244	10.621	ppbv	96
6) Bromomethane	3.141	94	337860	11.043	ppbv	98
7) Chloroethane	3.214	64	227400	11.069	ppbv	96
8) Dichlorotetrafluoroethane	2.877	85	1381485	9.502	ppbv	99
9) Propene	2.713	41	529749	10.156	ppbv	98
10) Heptane	7.600	43	1331349	11.360	ppbv	100
11) Trichlorofluoromethane	3.581	101	1495695	10.264	ppbv	97
12) 1,1,2-Trichlorotrifluo...	4.086	101	1072747	10.223	ppbv	100
13) Ethanol	3.259	45	36448m	7.818	ppbv	
14) Bromoethene	3.385	108	429951	10.510	ppbv	99
15) Acetone	3.488	43	1136536	10.487	ppbv	99
16) 1,3-Butadiene	3.005	39	616058	10.640	ppbv	99
17) tert-Butyl alcohol	3.896	59	1138725	11.521	ppbv	100
18) 1,1-Dichloroethene	3.899	96	490575	10.929	ppbv	96
19) Isopropyl Alcohol	3.594	45	662593	10.458	ppbv #	98
20) Methylene Chloride	3.951	84	468002	11.580	ppbv	95
21) Allyl Chloride	4.015	41	776304	10.923	ppbv	100
22) trans-1,2-Dichloroethene	4.465	96	469979	10.471	ppbv	97
23) Vinyl Acetate	4.645	43	984169	11.890	ppbv #	98
24) 1,1-Dichloroethane	4.581	63	1033773	10.608	ppbv	99
25) Ethyl Acetate	5.224	43	2417577	11.229	ppbv	99
26) Hexane	5.234	57	1027698	11.507	ppbv	97
27) Carbon Disulfide	4.144	76	1155043	11.055	ppbv	99
28) Methyl tert-Butyl Ether	4.603	73	589223	10.461	ppbv	100
29) Chloroform	5.295	83	1534946	10.536	ppbv	99
30) Cyclohexane	6.623	84	826550	11.364	ppbv	99
31) cis-1,2-Dichloroethene	5.099	61	959317	10.873	ppbv	99
32) 1,1,1-Trichloroethane	6.025	97	1517453	10.701	ppbv	100
34) 2-Butanone	4.806	43	1409794	11.346	ppbv	100
35) Carbon Tetrachloride	6.513	117	1592749	11.242	ppbv	98
36) Benzene	6.391	78	2079587	11.080	ppbv	98
37) 1,2-Dichloroethane	5.829	62	1168791	11.126	ppbv	100
38) Trichloroethene	7.311	130	970933	11.292	ppbv	97
39) 1,2-Dichloropropane	7.095	63	802701	11.171	ppbv	96
40) 1,4-Dioxane	7.308	88	276693	9.586	ppbv #	52
41) Tetrahydrofuran	5.574	42	830620	11.688	ppbv	98
42) Bromodichloromethane	7.269	83	1674518	11.039	ppbv	98
43) Methyl Methacrylate	7.494	69	830856	12.345	ppbv	99
44) 2,2,4-Trimethylpentane	7.346	57	3498360	11.160	ppbv	99
45) t-1,3-Dichloropropene	8.732	75	832465	13.438	ppbv	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL081924\
 Data File : VL041542.D
 Acq On : 19 Aug 2024 10:48
 Operator : SY/MD
 Sample : VL0819ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0819ABS01

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 08/20/2024
 Supervised By : Mahesh Dadoda 08/20/2024

Quant Time: Aug 20 02:14:35 2024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072524AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 20 02:14:35 2024

QLast Update : Tue Aug 20 02:10:04 2024

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.166	75	1134089	12.678	ppbv	98
47) 1,1,2-Trichloroethane	8.922	97	871843	11.007	ppbv	98
48) Dibromochloromethane	9.732	129	1455263	11.405	ppbv	100
49) Bromoform	12.430	173	1269504	11.778	ppbv	99
50) 4-Methyl-2-Pentanone	8.201	43	2350707	11.991	ppbv	99
51) 2-Hexanone	9.571	43	1863582	12.572	ppbv #	99
52) Tetrachloroethene	10.639	164	782284	10.787	ppbv	98
53) Toluene	9.243	91	2430940	11.628	ppbv	100
54) 1,2-Dibromoethane	10.031	107	1250868	11.865	ppbv	97
56) 1,1,1,2-Tetrachloroethane	11.529	131	1071372	10.747	ppbv #	59
57) Chlorobenzene	11.549	112	1920481	10.493	ppbv	98
58) Ethyl Benzene	12.111	91	3271939	11.043	ppbv	98
59) m/p-Xylene	12.391	91	5625619m	21.995	ppbv	
60) o-Xylene	13.079	91	2684986	11.097	ppbv	100
61) Styrene	12.918	104	1314788	12.045	ppbv	98
62) Isopropylbenzene	14.050	105	3916892	10.649	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.069	83	1660380	10.867	ppbv	100
64) n-propylbenzene	14.937	120	1051699	10.937	ppbv	95
65) tert-Butylbenzene	16.111	119	3561329	10.720	ppbv	100
66) Benzyl Chloride	16.349	91	293870	13.791	ppbv	99
67) sec-Butylbenzene	16.658	105	4963512	10.844	ppbv	100
69) p-Isopropyltoluene	17.015	119	4185466	11.019	ppbv	99
70) n-Butylbenzene	17.908	91	4322218	11.100	ppbv	100
71) 2-Chlorotoluene	14.822	91	2956439	10.899	ppbv	99
72) 4-Ethyltoluene	15.214	105	3303117	11.596	ppbv	99
73) 1,3,5-Trimethylbenzene	15.372	105	2807444	11.440	ppbv	98
74) 1,2,4-Trimethylbenzene	16.130	105	3111891	10.908	ppbv	99
75) 1,3-Dichlorobenzene	16.352	146	1936719	10.799	ppbv	100
76) 1,4-Dichlorobenzene	16.494	146	1874477	10.794	ppbv	99
77) 1,2-Dichlorobenzene	17.166	146	1866349	10.498	ppbv	100
78) Hexachloro-1,3-Butadiene	22.654	225	1419954	9.366	ppbv	100
79) Naphthalene	21.407	128	3143301	12.483	ppbv	99
80) Naphthalene,2-methyl-	24.394	142	2571622	12.183	ppbv	99
81) 1,2,4-Trichlorobenzene	21.166	180	1655281	11.046	ppbv	100

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

