

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL080524\
 Data File : VL041494.D
 Acq On : 5 Aug 2024 9:45
 Operator : SY/MD
 Sample : VL0805ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0805ABS01

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 08/09/2024
 Supervised By :Mahesh Dadoda 08/09/2024

Quant Time: Aug 06 01:35:36 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 06 01:32:58 2024

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.195	49	975401	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.655	114	2709541	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.465	117	2704015m	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.773 95 1939750 9.322 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 93.200%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.738	85	1205544	7.184	ppbv	98
3) Chlorodifluoromethane	2.684	51	1216281	10.475	ppbv	99
4) Chloromethane	2.822	50	644679	10.438	ppbv	100
5) Vinyl Chloride	2.928	62	638568	10.490	ppbv	99
6) Bromomethane	3.124	94	326179	10.425	ppbv	100
7) Chloroethane	3.205	64	226742	10.793	ppbv	96
8) Dichlorotetrafluoroethane	2.864	85	1554354	10.454	ppbv	99
9) Propene	2.703	41	563641	10.567	ppbv	98
10) Heptane	7.577	43	1395814	11.646	ppbv	99
11) Trichlorofluoromethane	3.568	101	1549651	10.399	ppbv	99
12) 1,1,2-Trichlorotrifluo...	4.070	101	1115647	10.396	ppbv	99
13) Ethanol	3.250	45	41810m	8.770	ppbv	
14) Bromoethene	3.372	108	467969	11.186	ppbv	99
15) Acetone	3.475	43	1177760	10.627	ppbv	99
16) 1,3-Butadiene	2.992	39	645155	10.896	ppbv	100
17) tert-Butyl alcohol	3.880	59	1165834	11.534	ppbv	100
18) 1,1-Dichloroethene	3.886	96	510260	11.116	ppbv	94
19) Isopropyl Alcohol	3.581	45	734570	11.337	ppbv #	98
20) Methylene Chloride	3.938	84	415272	10.048	ppbv	97
21) Allyl Chloride	3.999	41	798833	10.991	ppbv	99
22) trans-1,2-Dichloroethene	4.449	96	502458	10.947	ppbv	97
23) Vinyl Acetate	4.629	43	1028812	12.155	ppbv	98
24) 1,1-Dichloroethane	4.565	63	1083066	10.868	ppbv	100
25) Ethyl Acetate	5.205	43	2473886	11.236	ppbv	99
26) Hexane	5.214	57	1020558	11.174	ppbv	99
27) Carbon Disulfide	4.127	76	1220813	11.426	ppbv	99
28) Methyl tert-Butyl Ether	4.587	73	625556	10.861	ppbv	99
29) Chloroform	5.275	83	1599129	10.734	ppbv	98
30) Cyclohexane	6.600	84	875179	11.767	ppbv	99
31) cis-1,2-Dichloroethene	5.079	61	1010018	11.194	ppbv	97
32) 1,1,1-Trichloroethane	6.005	97	1573441	10.850	ppbv	99
34) 2-Butanone	4.787	43	1456777	11.115	ppbv	99
35) Carbon Tetrachloride	6.494	117	1642762	10.992	ppbv	99
36) Benzene	6.372	78	2172403	10.972	ppbv	97
37) 1,2-Dichloroethane	5.809	62	1216251	10.976	ppbv	99
38) Trichloroethene	7.291	130	983640	10.845	ppbv	98
39) 1,2-Dichloropropane	7.073	63	839633	11.077	ppbv	98
40) 1,4-Dioxane	7.285	88	349724	11.485	ppbv	93
41) Tetrahydrofuran	5.558	42	878533	11.719	ppbv	99
42) Bromodichloromethane	7.250	83	1750813	10.942	ppbv	99
43) Methyl Methacrylate	7.475	69	876343	12.343	ppbv	99
44) 2,2,4-Trimethylpentane	7.327	57	3660923	11.071	ppbv	100
45) t-1,3-Dichloropropene	8.712	75	881917	13.496	ppbv	94

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL080524\
 Data File : VL041494.D
 Acq On : 5 Aug 2024 9:45
 Operator : SY/MD
 Sample : VL0805ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0805ABS01

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 08/09/2024
 Supervised By :Mahesh Dadoda 08/09/2024

Quant Time: Aug 06 01:35:36 2024

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

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

QLast Update : Tue Aug 06 01:32:58 2024

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.140	75	1176596	12.469	ppbv	96
47) 1,1,2-Trichloroethane	8.896	97	917081	10.976	ppbv	97
48) Dibromochloromethane	9.709	129	1515958	11.263	ppbv	100
49) Bromoform	12.404	173	1316636	11.580	ppbv	98
50) 4-Methyl-2-Pentanone	8.179	43	2434750	11.774	ppbv	100
51) 2-Hexanone	9.548	43	1991523	12.736	ppbv #	100
52) Tetrachloroethene	10.616	164	835405	10.920	ppbv	98
53) Toluene	9.220	91	2555613	11.589	ppbv	100
54) 1,2-Dibromoethane	10.008	107	1314243	11.818	ppbv	96
56) 1,1,1,2-Tetrachloroethane	11.507	131	1112981	10.613	ppbv #	58
57) Chlorobenzene	11.526	112	1988133	10.327	ppbv	99
58) Ethyl Benzene	12.085	91	3448476	11.065	ppbv	98
59) m/p-Xylene	12.368	91	5867432m	21.808	ppbv	
60) o-Xylene	13.056	91	2811507	11.047	ppbv	100
61) Styrene	12.896	104	1402971	12.219	ppbv	98
62) Isopropylbenzene	14.027	105	4090508	10.572	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.043	83	1679168	10.448	ppbv	99
64) n-propylbenzene	14.915	120	1070699	10.585	ppbv	92
65) tert-Butylbenzene	16.088	119	3675495	10.517	ppbv	100
66) Benzyl Chloride	16.326	91	286045	12.761	ppbv	99
67) sec-Butylbenzene	16.632	105	5130808	10.656	ppbv	100
69) p-Isopropyltoluene	16.989	119	4337847	10.857	ppbv	100
70) n-Butylbenzene	17.883	91	4480169	10.938	ppbv	100
71) 2-Chlorotoluene	14.799	91	3046529	10.677	ppbv	98
72) 4-Ethyltoluene	15.191	105	3408854	11.377	ppbv	99
73) 1,3,5-Trimethylbenzene	15.352	105	2863014	11.091	ppbv	99
74) 1,2,4-Trimethylbenzene	16.104	105	3216640	10.718	ppbv	97
75) 1,3-Dichlorobenzene	16.330	146	1999126	10.597	ppbv	99
76) 1,4-Dichlorobenzene	16.468	146	1927662	10.553	ppbv	100
77) 1,2-Dichlorobenzene	17.140	146	1951426	10.435	ppbv	100
78) Hexachloro-1,3-Butadiene	22.628	225	1503067	9.425	ppbv	100
79) Naphthalene	21.378	128	3318120	12.527	ppbv	99
80) Naphthalene,2-methyl-	24.368	142	2904357	13.080	ppbv	99
81) 1,2,4-Trichlorobenzene	21.133	180	1745663	11.074	ppbv	99

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

