

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL050824\
 Data File : VL041236.D
 Acq On : 8 May 2024 10:02
 Operator : SY/MD
 Sample : VL0508ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: May 09 02:50:06 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL042924AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2
 QLast Update : Thu May 09 02:43:03 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin
 Yesilyurt
 05/0

9/2024

Supervised By : Mahesh

Dadoda

05/0

9/2024

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

Internal Standards						
1) Bromochloromethane	5.211	49	874595	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.677	114	2289294	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.491	117	2210617m	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.799 95 1694627 10.154 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 101.500%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.745	85	1233896	10.430	ppbv	100
3) Chlorodifluoromethane	2.690	51	1377481	10.370	ppbv	98
4) Chloromethane	2.829	50	525465	10.081	ppbv	92
5) Vinyl Chloride	2.935	62	544008	10.390	ppbv	98
6) Bromomethane	3.137	94	198516	10.391	ppbv	89
7) Chloroethane	3.214	64	186046	10.064	ppbv	97
8) Dichlorotetrafluoroethane	2.874	85	1244802	10.166	ppbv	96
9) Propene	2.710	41	480127	9.236	ppbv	97
10) Heptane	7.603	43	1224767	9.725	ppbv	100
11) Trichlorofluoromethane	3.581	101	1308364	10.882	ppbv	98
12) 1,1,2-Trichlorotrifluo...	4.083	101	918389	10.329	ppbv	99
13) Ethanol	3.253	45	124372	10.673	ppbv	97
14) Bromoethene	3.382	108	373282	10.173	ppbv	98
15) Acetone	3.484	43	977469	9.470	ppbv	98
16) 1,3-Butadiene	3.002	39	542373	10.409	ppbv	97
17) tert-Butyl alcohol	3.896	59	968738	8.700	ppbv	97
18) 1,1-Dichloroethene	3.899	96	424056	10.697	ppbv	94
19) Isopropyl Alcohol	3.591	45	729455	10.770	ppbv #	44
20) Methylene Chloride	3.951	84	350984	9.778	ppbv	97
21) Allyl Chloride	4.015	41	666304	9.900	ppbv	97
22) trans-1,2-Dichloroethene	4.465	96	423312	10.268	ppbv	98
23) Vinyl Acetate	4.645	43	1134589	9.982	ppbv	98
24) 1,1-Dichloroethane	4.584	63	925759	10.475	ppbv	99
25) Ethyl Acetate	5.224	43	2034954	9.877	ppbv	100
26) Hexane	5.234	57	895096	9.736	ppbv	98
27) Carbon Disulfide	4.144	76	1109363	10.193	ppbv	98
28) Methyl tert-Butyl Ether	4.603	73	685703	9.367	ppbv	100
29) Chloroform	5.295	83	1372227	10.819	ppbv	96
30) Cyclohexane	6.623	84	749919	10.304	ppbv	98
31) cis-1,2-Dichloroethene	5.099	61	901674	10.476	ppbv	96
32) 1,1,1-Trichloroethane	6.025	97	1348635	10.657	ppbv	99
34) 2-Butanone	4.806	43	1145997	9.835	ppbv	99
35) Carbon Tetrachloride	6.516	117	1378966	10.733	ppbv	99
36) Benzene	6.394	78	1881913	9.796	ppbv	98
37) 1,2-Dichloroethane	5.828	62	1067398	10.649	ppbv	100
38) Trichloroethene	7.314	130	730520	10.204	ppbv	96
39) 1,2-Dichloropropane	7.098	63	733279	9.904	ppbv	98
40) 1,4-Dioxane	7.307	88	308583	11.666	ppbv	76
41) Tetrahydrofuran	5.578	42	797948	9.460	ppbv	99
42) Bromodichloromethane	7.272	83	1550256	10.784	ppbv	99
43) Methyl Methacrylate	7.497	69	771221	9.925	ppbv	99
44) 2,2,4-Trimethylpentane	7.349	57	3170639	9.572	ppbv	100
45) t-1,3-Dichloropropene	8.735	75	577297	10.253	ppbv	97

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46) cis-1,3-Dichloropropene	8.169	75	696153	10.099	ppbv	97	
47) 1,1,2-Trichloroethane	8.922	97	769039	10.378	ppbv	98	
48) Dibromochloromethane	9.735	129	1285252	10.885	ppbv	98	
49) Bromoform	12.436	173	1081773	10.770	ppbv	100	
50) 4-Methyl-2-Pentanone	8.205	43	1999163	9.560	ppbv	100	
51) 2-Hexanone	9.574	43	1468322	9.467	ppbv #	98	
52) Tetrachloroethene	10.642	164	665018	9.849	ppbv	97	
53) Toluene	9.243	91	2207083	9.908	ppbv	99	
54) 1,2-Dibromoethane	10.034	107	1069283	10.653	ppbv	96	
56) 1,1,1,2-Tetrachloroethane	11.532	131	941477	10.503	ppbv	98	
57) Chlorobenzene	11.552	112	1646115	10.168	ppbv	95	
58) Ethyl Benzene	12.114	91	2947414	9.724	ppbv	98	
59) m/p-Xylene	12.394	91	4979965m	19.548	ppbv		
60) o-Xylene	13.085	91	2339788	9.798	ppbv	99	
61) Styrene	12.925	104	1285950	10.194	ppbv	99	
62) Isopropylbenzene	14.056	105	3512099	9.832	ppbv	99	
63) 1,1,2,2-Tetrachloroethane	13.073	83	1638403	10.065	ppbv	99	
64) n-propylbenzene	14.941	120	923460	10.363	ppbv	98	
65) tert-Butylbenzene	16.114	119	3063874	9.577	ppbv	99	
66) Benzyl Chloride	16.352	91	270786m	7.477	ppbv		
67) sec-Butylbenzene	16.661	105	4396817	9.763	ppbv	98	
69) p-Isopropyltoluene	17.021	119	3660835	9.864	ppbv	100	
70) n-Butylbenzene	17.912	91	3829495	9.880	ppbv	99	
71) 2-Chlorotoluene	14.825	91	2706191	9.950	ppbv	98	
72) 4-Ethyltoluene	15.217	105	2818445	10.420	ppbv	99	
73) 1,3,5-Trimethylbenzene	15.378	105	2472212	10.102	ppbv	99	
74) 1,2,4-Trimethylbenzene	16.133	105	2709778	10.138	ppbv	99	
75) 1,3-Dichlorobenzene	16.359	146	1605394	10.474	ppbv	99	
76) 1,4-Dichlorobenzene	16.497	146	1560486	10.587	ppbv	99	
77) 1,2-Dichlorobenzene	17.169	146	1562725	10.200	ppbv	98	
78) Hexachloro-1,3-Butadiene	22.664	225	1109777	8.150	ppbv	99	
79) Naphthalene	21.413	128	2727645m	10.716	ppbv		
80) Naphthalene,2-methyl-	24.397	142	880079	8.595	ppbv	98	
81) 1,2,4-Trichlorobenzene	21.165	180	1303207	9.696	ppbv	100	

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

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