

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050124\
 Data File : VD078860.D
 Acq On : 01 May 2024 13:38
 Operator : RP/MD
 Sample : VSTDICC100
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC100

Quant Time: May 02 07:40:08 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050124S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 02 07:30:30 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Romaben Patel 05/02/2024
 Supervised By :Semsettin Yesilyurt 05/02/2024

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	146343	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	234611	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	225282	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	121997	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	152053	93.609	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 187.220%#			
35) Dibromofluoromethane	7.805	113	180988	105.067	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 210.140%#			
50) Toluene-d8	10.269	98	718060	108.620	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 217.240%#			
62) 4-Bromofluorobenzene	12.575	95	202524	107.044	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 214.080%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	153082	92.535	ug/l	98
3) Chloromethane	2.146	50	224214	91.192	ug/l	99
4) Vinyl Chloride	2.287	62	338405	94.814	ug/l	93
5) Bromomethane	2.687	94	327517	91.963	ug/l	99
6) Chloroethane	2.834	64	283987	96.587	ug/l	98
7) Trichlorofluoromethane	3.175	101	274120	94.370	ug/l	96
8) Diethyl Ether	3.593	74	80067	101.090	ug/l	89
9) 1,1,2-Trichlorotrifluo...	3.964	101	170032	97.432	ug/l	99
10) Methyl Iodide	4.164	142	228276	107.416	ug/l	97
11) Tert butyl alcohol	5.064	59	34706	466.444	ug/l	98
12) 1,1-Dichloroethene	3.940	96	171415	99.066	ug/l #	88
13) Acrolein	3.799	56	65639	456.756	ug/l	99
14) Allyl chloride	4.564	41	181352	104.411	ug/l	98
15) Acrylonitrile	5.252	53	156384	496.006	ug/l	97
16) Acetone	4.022	43	125258	517.116	ug/l	89
17) Carbon Disulfide	4.270	76	560005	97.869	ug/l	99
18) Methyl Acetate	4.558	43	54488	90.743	ug/l	96
19) Methyl tert-butyl Ether	5.317	73	352883	107.763	ug/l	99
20) Methylene Chloride	4.805	84	195368	100.434	ug/l	95
21) trans-1,2-Dichloroethene	5.317	96	198670	102.395	ug/l	91
22) Diisopropyl ether	6.216	45	404950	105.436	ug/l	97
23) Vinyl Acetate	6.158	43	1236505	534.021	ug/l	97
24) 1,1-Dichloroethane	6.111	63	293953	95.066	ug/l	99
25) 2-Butanone	7.081	43	174852	514.726	ug/l	93
26) 2,2-Dichloropropane	7.075	77	266723	102.229	ug/l	99
27) cis-1,2-Dichloroethene	7.081	96	230894	104.185	ug/l	96
28) Bromochloromethane	7.428	49	105765	90.914	ug/l	92
29) Tetrahydrofuran	7.446	42	103999	523.207	ug/l	94
30) Chloroform	7.599	83	332761	96.438	ug/l	98
31) Cyclohexane	7.881	56	232700	96.493	ug/l	94
32) 1,1,1-Trichloroethane	7.793	97	290795	99.921	ug/l	98
36) 1,1-Dichloropropene	8.011	75	236254	106.628	ug/l	99
37) Ethyl Acetate	7.169	43	76966	105.021	ug/l	96
38) Carbon Tetrachloride	7.993	117	264042	103.527	ug/l	94
39) Methylcyclohexane	9.275	83	314947	115.360	ug/l	94
40) Benzene	8.252	78	762823	105.129	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	40422	111.694	ug/l	97
42) 1,2-Dichloroethane	8.328	62	174043	101.600	ug/l	100
43) Isopropyl Acetate	8.363	43	146350	109.174	ug/l	99
44) Trichloroethene	9.028	130	194968	106.668	ug/l	89
45) 1,2-Dichloropropane	9.305	63	162128	101.884	ug/l	97
46) Dibromomethane	9.393	93	102955	101.626	ug/l	98
47) Bromodichloromethane	9.587	83	256242	102.148	ug/l	98
48) Methyl methacrylate	9.381	41	67947	108.138	ug/l	96
49) 1,4-Dioxane	9.387	88	20952	2266.330	ug/l	92
51) 4-Methyl-2-Pentanone	10.157	43	380338	529.836	ug/l	98
52) Toluene	10.334	92	508528	111.576	ug/l	98
53) t-1,3-Dichloropropene	10.552	75	228233	108.506	ug/l	98
54) cis-1,3-Dichloropropene	10.016	75	273584	107.689	ug/l	100
55) 1,1,2-Trichloroethane	10.734	97	136006	103.502	ug/l	95
56) Ethyl methacrylate	10.599	69	158818	117.630	ug/l	97
57) 1,3-Dichloropropane	10.881	76	216902	104.383	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	290030	491.951	ug/l	99
59) 2-Hexanone	10.922	43	268492	528.246	ug/l	96
60) Dibromochloromethane	11.075	129	187624	105.346	ug/l	99
61) 1,2-Dibromoethane	11.181	107	126792	104.045	ug/l	98
64) Tetrachloroethene	10.810	164	166821	108.564	ug/l	98
65) Chlorobenzene	11.604	112	556816	107.697	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.681	131	194119	107.367	ug/l	99
67) Ethyl Benzene	11.681	91	972282	114.969	ug/l	96
68) m/p-Xylenes	11.793	106	801911	234.194	ug/l	98
69) o-Xylene	12.122	106	368525	117.722	ug/l	98
70) Styrene	12.134	104	658115	119.562	ug/l	99
71) Bromoform	12.299	173	104972	107.235	ug/l #	95
73) Isopropylbenzene	12.422	105	928048	112.854	ug/l	100
74) N-amyl acetate	12.234	43	137484	100.507	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.669	83	144226	93.607	ug/l	100
76) 1,2,3-Trichloropropane	12.722	75	92193m	90.754	ug/l	
77) Bromobenzene	12.698	156	228313	108.063	ug/l	96
78) n-propylbenzene	12.763	91	1106038	110.981	ug/l	98
79) 2-Chlorotoluene	12.851	91	596754	107.281	ug/l	99
80) 1,3,5-Trimethylbenzene	12.904	105	777054	113.793	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.469	75	52149	100.390	ug/l	97
82) 4-Chlorotoluene	12.946	91	632010	106.544	ug/l	100
83) tert-Butylbenzene	13.169	119	694293	118.122	ug/l	100
84) 1,2,4-Trimethylbenzene	13.210	105	801404	114.655	ug/l	98
85) sec-Butylbenzene	13.346	105	1014621	113.675	ug/l	99
86) p-Isopropyltoluene	13.457	119	917950	118.673	ug/l	100
87) 1,3-Dichlorobenzene	13.457	146	484902	109.589	ug/l	98
88) 1,4-Dichlorobenzene	13.540	146	454899	103.857	ug/l	99
89) n-Butylbenzene	13.787	91	790564	114.642	ug/l	99
90) Hexachloroethane	14.051	117	170206	102.851	ug/l	99
91) 1,2-Dichlorobenzene	13.828	146	397675	105.015	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.445	75	19826	94.516	ug/l	97
93) 1,2,4-Trichlorobenzene	15.098	180	243075	115.546	ug/l	96
94) Hexachlorobutadiene	15.204	225	121233	112.494	ug/l	99
95) Naphthalene	15.334	128	447329	118.026	ug/l	97
96) 1,2,3-Trichlorobenzene	15.522	180	208023	111.619	ug/l	95

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

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