

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072221\
 Data File : VD069809.D
 Acq On : 22 Jul 2021 15:51
 Operator : VA/SY
 Sample : VD0722SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0722SBS01

Manual Integrations
 APPROVED

MMDadoda
 7/23/2021 5:15:49 PM

Quant Time: Jul 23 05:00:18 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072221S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 23 04:51:13 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	633683	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	1148840	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	1060345	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	488252	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	349818	48.000	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.000%
35) Dibromofluoromethane	7.914	113	350671	48.420	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.840%
50) Toluene-d8	10.337	98	1400642	50.156	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	100.320%
62) 4-Bromofluorobenzene	12.626	95	470129	50.373	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	100.740%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.985	85	142611	21.382	ug/l	100
3) Chloromethane	2.208	50	188735	19.507	ug/l	97
4) Vinyl Chloride	2.344	62	210059	20.642	ug/l	100
5) Bromomethane	2.756	94	141973	22.600	ug/l	98
6) Chloroethane	2.914	64	129620	19.651	ug/l	94
7) Trichlorofluoromethane	3.267	101	257996	20.537	ug/l	100
8) Diethyl Ether	3.708	74	70029	19.818	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.091	101	165876	20.790	ug/l	99
10) Methyl Iodide	4.297	142	127394	18.515	ug/l	100
11) Tert butyl alcohol	5.214	59	40016	106.112	ug/l #	73
12) 1,1-Dichloroethene	4.067	96	149376	20.603	ug/l	96
13) Acrolein	3.920	56	55594	105.313	ug/l	98
14) Allyl chloride	4.708	41	218371	20.543	ug/l	99
15) Acrylonitrile	5.420	53	168337	101.268	ug/l	97
16) Acetone	4.155	43	133804	101.633	ug/l	99
17) Carbon Disulfide	4.402	76	517594	19.966	ug/l	100
18) Methyl Acetate	4.720	43	73577	19.261	ug/l	98
19) Methyl tert-butyl Ether	5.479	73	294344	19.594	ug/l	96
20) Methylene Chloride	4.961	84	282926	26.730	ug/l	96
21) trans-1,2-Dichloroethene	5.473	96	168108	19.677	ug/l	98
22) Diisopropyl ether	6.361	45	477577	20.675	ug/l	95
23) Vinyl Acetate	6.302	43	1151053	103.564	ug/l	100
24) 1,1-Dichloroethane	6.261	63	317632	19.909	ug/l	100
25) 2-Butanone	7.214	43	179184	100.362	ug/l	100
26) 2,2-Dichloropropane	7.208	77	257236	21.204	ug/l	98
27) cis-1,2-Dichloroethene	7.214	96	176875	19.402	ug/l	98
28) Bromochloromethane	7.544	49	129094	21.312	ug/l	96
29) Tetrahydrofuran	7.561	42	119966	103.859	ug/l	100
30) Chloroform	7.708	83	311714	19.433	ug/l	94
31) Cyclohexane	7.979	56	294186	20.659	ug/l	98
32) 1,1,1-Trichloroethane	7.902	97	265963	20.032	ug/l	98
36) 1,1-Dichloropropene	8.114	75	245284	19.784	ug/l	100
37) Ethyl Acetate	7.291	43	83946	18.599	ug/l	98
38) Carbon Tetrachloride	8.091	117	231875	20.475	ug/l	94
39) Methylcyclohexane	9.355	83	280331	19.743	ug/l	100
40) Benzene	8.349	78	697981	19.433	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	44709	18.876	ug/l	96
42) 1,2-Dichloroethane	8.420	62	181833	19.142	ug/l	100
43) Isopropyl Acetate	8.449	43	161576	19.961	ug/l	99
44) Trichloroethene	9.108	130	169846	19.202	ug/l	95
45) 1,2-Dichloropropane	9.385	63	184165	19.520	ug/l	100
46) Dibromomethane	9.479	93	87307	18.826	ug/l	98
47) Bromodichloromethane	9.661	83	228090	18.931	ug/l	96
48) Methyl methacrylate	9.455	41	77172	19.668	ug/l	98
49) 1,4-Dioxane	9.455	88	19375	395.442	ug/l	93
51) 4-Methyl-2-Pentanone	10.226	43	418204	99.282	ug/l	100
52) Toluene	10.402	92	432823	19.865	ug/l	100
53) t-1,3-Dichloropropene	10.620	75	208974	20.663	ug/l	96
54) cis-1,3-Dichloropropene	10.085	75	258440	21.107	ug/l	99
55) 1,1,2-Trichloroethane	10.796	97	121909	18.611	ug/l	97
56) Ethyl methacrylate	10.655	69	136024	19.383	ug/l	99
57) 1,3-Dichloropropane	10.937	76	217451	19.619	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.938	63	315567	102.065	ug/l	98
59) 2-Hexanone	10.979	43	279577	100.342	ug/l	97
60) Dibromochloromethane	11.137	129	141342	19.053	ug/l	100
61) 1,2-Dibromoethane	11.243	107	116964	19.833	ug/l	98
64) Tetrachloroethene	10.873	164	135260	20.011	ug/l	98
65) Chlorobenzene	11.667	112	440407	20.048	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.737	131	156699	19.828	ug/l	99
67) Ethyl Benzene	11.737	91	772476	19.973	ug/l	99
68) m/p-Xylenes	11.849	106	609978	40.684	ug/l	98
69) o-Xylene	12.173	106	267365	19.615	ug/l	99
70) Styrene	12.190	104	478659	20.264	ug/l	99
71) Bromoform	12.355	173	75588	19.695	ug/l #	98
73) Isopropylbenzene	12.473	105	721841	20.576	ug/l	99
74) N-amyl acetate	12.279	43	148828	20.625	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.720	83	141203	20.155	ug/l	98
76) 1,2,3-Trichloropropane	12.773	75	99521m	19.176	ug/l	
77) Bromobenzene	12.755	156	157842	19.977	ug/l	100
78) n-propylbenzene	12.814	91	940963	20.883	ug/l	100
79) 2-Chlorotoluene	12.902	91	543796	20.778	ug/l	100
80) 1,3,5-Trimethylbenzene	12.949	105	619401	20.640	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.520	75	39002	22.799	ug/l	96
82) 4-Chlorotoluene	12.996	91	562997	20.576	ug/l	98
83) tert-Butylbenzene	13.214	119	491739	20.154	ug/l	99
84) 1,2,4-Trimethylbenzene	13.261	105	618862	20.903	ug/l	98
85) sec-Butylbenzene	13.396	105	807310	20.930	ug/l	100
86) p-Isopropyltoluene	13.508	119	648369	20.690	ug/l	99
87) 1,3-Dichlorobenzene	13.508	146	327606	19.749	ug/l	99
88) 1,4-Dichlorobenzene	13.584	146	326659	19.757	ug/l	98
89) n-Butylbenzene	13.831	91	635346	20.544	ug/l	98
90) Hexachloroethane	14.102	117	132143	19.907	ug/l	98
91) 1,2-Dichlorobenzene	13.878	146	281926	19.691	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.490	75	20012	19.837	ug/l	97
93) 1,2,4-Trichlorobenzene	15.149	180	153163	19.827	ug/l	99
94) Hexachlorobutadiene	15.255	225	92828	19.644	ug/l	99
95) Naphthalene	15.384	128	267394	20.079	ug/l	100
96) 1,2,3-Trichlorobenzene	15.578	180	134299	20.103	ug/l	99

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

