

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101321\
 Data File : VD070692.D
 Acq On : 13 Oct 2021 12:33
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

apatel
 10/19/2021 12:38:03 PM

Quant Time: Oct 14 04:01:49 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D100521S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 06 09:10:31 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	376155	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	644528	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	613241	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	292132	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	209938	47.424	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.840%
35) Dibromofluoromethane	7.908	113	223597	52.179	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.360%
50) Toluene-d8	10.332	98	866996	52.925	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	105.840%
62) 4-Bromofluorobenzene	12.620	95	292108	53.351	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	106.700%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.985	85	199747	43.539	ug/l	99
3) Chloromethane	2.209	50	248146	43.563	ug/l	98
4) Vinyl Chloride	2.350	62	289894	45.925	ug/l	100
5) Bromomethane	2.762	94	174372	45.143	ug/l	99
6) Chloroethane	2.920	64	168510	41.808	ug/l	95
7) Trichlorofluoromethane	3.273	101	378212	46.231	ug/l	99
8) Diethyl Ether	3.714	74	101785	47.820	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.097	101	225849	45.552	ug/l	99
10) Methyl Iodide	4.297	142	228421	45.144	ug/l	100
11) Tert butyl alcohol	5.220	59	49492	225.686	ug/l #	85
12) 1,1-Dichloroethene	4.061	96	207349	46.975	ug/l	95
13) Acrolein	3.914	56	49787	236.468	ug/l	99
14) Allyl chloride	4.708	41	279837	45.544	ug/l	99
15) Acrylonitrile	5.414	53	227783	246.668	ug/l	98
16) Acetone	4.150	43	188974	251.383	ug/l	94
17) Carbon Disulfide	4.409	76	700886	43.491	ug/l	99
18) Methyl Acetate	4.720	43	137266	47.319	ug/l	98
19) Methyl tert-butyl Ether	5.473	73	458522	52.144	ug/l	94
20) Methylene Chloride	4.956	84	254686	45.180	ug/l	96
21) trans-1,2-Dichloroethene	5.467	96	250521	48.251	ug/l	94
22) Diisopropyl ether	6.361	45	638159	50.556	ug/l	99
23) Vinyl Acetate	6.303	43	1455540	253.624	ug/l	98
24) 1,1-Dichloroethane	6.261	63	427071	45.935	ug/l	99
25) 2-Butanone	7.208	43	245475	249.406	ug/l	96
26) 2,2-Dichloropropane	7.202	77	354713	46.102	ug/l	98
27) cis-1,2-Dichloroethene	7.202	96	272276	49.904	ug/l	96
28) Bromochloromethane	7.544	49	147669	45.619	ug/l	94
29) Tetrahydrofuran	7.561	42	160525	253.036	ug/l	98
30) Chloroform	7.702	83	450511	46.583	ug/l	97
31) Cyclohexane	7.979	56	374556	45.694	ug/l	99
32) 1,1,1-Trichloroethane	7.902	97	391843	47.038	ug/l	98
36) 1,1-Dichloropropene	8.108	75	338154	49.400	ug/l	98
37) Ethyl Acetate	7.285	43	110609	48.637	ug/l	99
38) Carbon Tetrachloride	8.091	117	354777	49.524	ug/l	100
39) Methylcyclohexane	9.349	83	405690	51.539	ug/l	99
40) Benzene	8.349	78	1005479	49.837	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	62369	53.177	ug/l	97
42) 1,2-Dichloroethane	8.420	62	255149	48.900	ug/l	100
43) Isopropyl Acetate	8.449	43	212545	51.005	ug/l	99
44) Trichloroethene	9.108	130	245763	49.399	ug/l	96
45) 1,2-Dichloropropane	9.385	63	249103	48.380	ug/l	93
46) Dibromomethane	9.473	93	131124	49.618	ug/l	97
47) Bromodichloromethane	9.655	83	338932	49.699	ug/l	100
48) Methyl methacrylate	9.455	41	101251	51.832	ug/l	93
49) 1,4-Dioxane	9.455	88	29922	1114.270	ug/l #	92
51) 4-Methyl-2-Pentanone	10.220	43	575328	267.602	ug/l	98
52) Toluene	10.396	92	646684	52.174	ug/l	100
53) t-1,3-Dichloropropene	10.614	75	305399	51.167	ug/l	98
54) cis-1,3-Dichloropropene	10.085	75	363588	50.596	ug/l	98
55) 1,1,2-Trichloroethane	10.796	97	181445	50.399	ug/l	98
56) Ethyl methacrylate	10.655	69	218380	50.766	ug/l	95
57) 1,3-Dichloropropane	10.938	76	312296	50.992	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.938	63	476725	274.835	ug/l	98
59) 2-Hexanone	10.979	43	396458	254.473	ug/l	98
60) Dibromochloromethane	11.132	129	220657	50.877	ug/l	99
61) 1,2-Dibromoethane	11.238	107	169449	50.549	ug/l	98
64) Tetrachloroethene	10.867	164	201779	51.314	ug/l	91
65) Chlorobenzene	11.661	112	645651	49.375	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.732	131	244369	50.234	ug/l	98
67) Ethyl Benzene	11.738	91	1188639	52.676	ug/l	97
68) m/p-Xylenes	11.843	106	949516	106.847	ug/l	100
69) o-Xylene	12.173	106	427399	54.073	ug/l	99
70) Styrene	12.185	104	761982	54.717	ug/l	99
71) Bromoform	12.349	173	119577	52.358	ug/l #	98
73) Isopropylbenzene	12.473	105	1134327	53.259	ug/l	100
74) N-amyl acetate	12.279	43	203049	50.591	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.720	83	202952	48.741	ug/l	98
76) 1,2,3-Trichloropropane	12.773	75	153906m	58.207	ug/l	
77) Bromobenzene	12.749	156	241759	50.775	ug/l	97
78) n-propylbenzene	12.808	91	1439276	53.401	ug/l	99
79) 2-Chlorotoluene	12.896	91	813540	51.456	ug/l	99
80) 1,3,5-Trimethylbenzene	12.949	105	985246	54.242	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.514	75	57960	48.667	ug/l	99
82) 4-Chlorotoluene	12.996	91	871640	52.735	ug/l	100
83) tert-Butylbenzene	13.214	119	814750	54.273	ug/l	99
84) 1,2,4-Trimethylbenzene	13.255	105	984367	54.467	ug/l	99
85) sec-Butylbenzene	13.390	105	1240433	53.303	ug/l	99
86) p-Isopropyltoluene	13.502	119	1039741	54.701	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	508703	50.877	ug/l	100
88) 1,4-Dichlorobenzene	13.585	146	493909	49.826	ug/l	99
89) n-Butylbenzene	13.832	91	960626	52.940	ug/l	100
90) Hexachloroethane	14.096	117	202491	49.273	ug/l	98
91) 1,2-Dichlorobenzene	13.873	146	434843	51.003	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.484	75	27955	46.500	ug/l	91
93) 1,2,4-Trichlorobenzene	15.143	180	247369	53.895	ug/l	99
94) Hexachlorobutadiene	15.249	225	161419	55.654	ug/l	99
95) Naphthalene	15.384	128	455604	49.221	ug/l	99
96) 1,2,3-Trichlorobenzene	15.579	180	215725	53.358	ug/l	98

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

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