

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011022\
 Data File : VD071666.D
 Acq On : 10 Jan 2022 19:17
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/12/2022
 Supervised By : Mahesh Dadoda 01/12/2022

Quant Time: Jan 11 04:11:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D010722S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 07 15:39:14 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	296232	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	506092	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	464757	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	223173	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	195743	51.354	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 102.700%			
35) Dibromofluoromethane	7.914	113	169301	50.619	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 101.240%			
50) Toluene-d8	10.338	98	659541	52.679	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 105.360%			
62) 4-Bromofluorobenzene	12.626	95	226710	51.388	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 102.780%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	113554	50.589	ug/l	97
3) Chloromethane	2.215	50	154062	52.395	ug/l	98
4) Vinyl Chloride	2.356	62	180465	48.997	ug/l	96
5) Bromomethane	2.779	94	124619	50.657	ug/l	96
6) Chloroethane	2.932	64	128281	48.873	ug/l	93
7) Trichlorofluoromethane	3.285	101	244771	46.879	ug/l	95
8) Diethyl Ether	3.715	74	69980	50.959	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.103	101	148012	48.500	ug/l	99
10) Methyl Iodide	4.309	142	159239	54.573	ug/l	99
11) Tert butyl alcohol	5.209	59	50402	269.364	ug/l	98
12) 1,1-Dichloroethene	4.079	96	129240	48.802	ug/l	93
13) Acrolein	3.926	56	72395	194.594	ug/l	99
14) Allyl chloride	4.720	41	269353	51.295	ug/l	99
15) Acrylonitrile	5.420	53	176738	243.532	ug/l	98
16) Acetone	4.156	43	223324	253.772	ug/l	94
17) Carbon Disulfide	4.420	76	326515	49.128	ug/l	100
18) Methyl Acetate	4.720	43	124290	49.176	ug/l	99
19) Methyl tert-butyl Ether	5.479	73	347996	49.781	ug/l	100
20) Methylene Chloride	4.973	84	165053	50.766	ug/l	96
21) trans-1,2-Dichloroethene	5.479	96	152101	50.294	ug/l	93
22) Diisopropyl ether	6.362	45	595782	52.691	ug/l	95
23) Vinyl Acetate	6.309	43	1402433	265.779	ug/l	98
24) 1,1-Dichloroethane	6.273	63	326323	50.561	ug/l	98
25) 2-Butanone	7.214	43	256630	246.821	ug/l #	90
26) 2,2-Dichloropropane	7.214	77	269216	49.674	ug/l	99
27) cis-1,2-Dichloroethene	7.214	96	185326	51.918	ug/l	100
28) Bromochloromethane	7.550	49	154389	49.105	ug/l	96
29) Tetrahydrofuran	7.562	42	146988	245.742	ug/l	98
30) Chloroform	7.714	83	343409	52.033	ug/l	94
31) Cyclohexane	7.991	56	262906	49.828	ug/l	97
32) 1,1,1-Trichloroethane	7.903	97	288564	49.607	ug/l	100
36) 1,1-Dichloropropene	8.114	75	235785	49.420	ug/l	99
37) Ethyl Acetate	7.291	43	104965	47.403	ug/l	97
38) Carbon Tetrachloride	8.097	117	243509	50.399	ug/l	97
39) Methylcyclohexane	9.356	83	257315	49.931	ug/l	95
40) Benzene	8.350	78	668780	50.876	ug/l	100

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41) Methacrylonitrile	7.520	41	67452	49.421	ug/l	96
42) 1,2-Dichloroethane	8.426	62	220613	49.579	ug/l	100
43) Isopropyl Acetate	8.450	43	211644	50.776	ug/l	99
44) Trichloroethene	9.108	130	168978	49.950	ug/l	95
45) 1,2-Dichloropropane	9.385	63	181171	50.984	ug/l	99
46) Dibromomethane	9.473	93	91327	50.211	ug/l	98
47) Bromodichloromethane	9.661	83	260161	52.098	ug/l	99
48) Methyl methacrylate	9.450	41	108256	51.395	ug/l	94
49) 1,4-Dioxane	9.461	88	18238	1000.158	ug/l #	72
51) 4-Methyl-2-Pentanone	10.226	43	554505	251.852	ug/l	99
52) Toluene	10.403	92	437459	52.869	ug/l	100
53) t-1,3-Dichloropropene	10.614	75	226856	51.788	ug/l	99
54) cis-1,3-Dichloropropene	10.085	75	258693	50.086	ug/l	94
55) 1,1,2-Trichloroethane	10.797	97	125670	52.705	ug/l	97
56) Ethyl methacrylate	10.655	69	155785	53.301	ug/l	97
57) 1,3-Dichloropropane	10.938	76	225717	51.226	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.938	63	387314	240.051	ug/l	100
59) 2-Hexanone	10.979	43	399199	259.594	ug/l	99
60) Dibromochloromethane	11.138	129	157880	52.019	ug/l	96
61) 1,2-Dibromoethane	11.244	107	116460	51.050	ug/l	98
64) Tetrachloroethene	10.873	164	138924	50.887	ug/l	95
65) Chlorobenzene	11.667	112	450062	50.605	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.738	131	172687	51.209	ug/l	97
67) Ethyl Benzene	11.738	91	859320	52.631	ug/l	100
68) m/p-Xylenes	11.850	106	650101	107.057	ug/l	98
69) o-Xylene	12.173	106	304153	52.918	ug/l	99
70) Styrene	12.191	104	529692	53.767	ug/l	99
71) Bromoform	12.355	173	86412	52.479	ug/l #	98
73) Isopropylbenzene	12.473	105	821335	51.212	ug/l	97
74) N-amyl acetate	12.279	43	199714	50.765	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.720	83	138932	48.886	ug/l	98
76) 1,2,3-Trichloropropane	12.773	75	97883m	45.390	ug/l	
77) Bromobenzene	12.755	156	177513	51.240	ug/l	99
78) n-propylbenzene	12.814	91	1048405	51.978	ug/l	99
79) 2-Chlorotoluene	12.897	91	589199	51.828	ug/l	98
80) 1,3,5-Trimethylbenzene	12.949	105	689883	51.483	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.520	75	35464	45.848	ug/l	98
82) 4-Chlorotoluene	12.997	91	610823	51.791	ug/l	100
83) tert-Butylbenzene	13.214	119	586341	51.207	ug/l	99
84) 1,2,4-Trimethylbenzene	13.261	105	699357	52.775	ug/l	100
85) sec-Butylbenzene	13.391	105	913128	52.066	ug/l	100
86) p-Isopropyltoluene	13.502	119	765628	53.172	ug/l	99
87) 1,3-Dichlorobenzene	13.508	146	372558	52.111	ug/l	99
88) 1,4-Dichlorobenzene	13.585	146	363085	49.780	ug/l	98
89) n-Butylbenzene	13.832	91	754049	52.291	ug/l	99
90) Hexachloroethane	14.102	117	147534	51.787	ug/l	99
91) 1,2-Dichlorobenzene	13.879	146	314928	51.398	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.491	75	21835	47.803	ug/l	95
93) 1,2,4-Trichlorobenzene	15.143	180	187975	53.234	ug/l	98
94) Hexachlorobutadiene	15.255	225	103229	49.867	ug/l	97
95) Naphthalene	15.385	128	324398	51.887	ug/l	99
96) 1,2,3-Trichlorobenzene	15.579	180	157679	52.404	ug/l	100

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

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