

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060122\
 Data File : VD073440.D
 Acq On : 01 Jun 2022 11:28
 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

Reviewed By :Krupa Patel 06/02/2022
 Supervised By :Mahesh Dadoda 06/02/2022

Quant Time: Jun 02 04:05:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051922S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 19 15:13:42 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	357736	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	586912	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.631	117	558947	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	279186	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	185109	46.822	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	93.640%		
35) Dibromofluoromethane	7.908	113	193828	50.048	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	100.100%		
50) Toluene-d8	10.332	98	699897	49.025	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	98.060%		
62) 4-Bromofluorobenzene	12.620	95	263255	52.545	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	105.080%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	189887	53.121	ug/l	98
3) Chloromethane	2.208	50	175228	43.352	ug/l	99
4) Vinyl Chloride	2.344	62	173651	46.982	ug/l	98
5) Bromomethane	2.755	94	121751	51.504	ug/l	99
6) Chloroethane	2.914	64	109354	48.128	ug/l	96
7) Trichlorofluoromethane	3.261	101	320852	49.094	ug/l	100
8) Diethyl Ether	3.708	74	92408	51.456	ug/l	89
9) 1,1,2-Trichlorotrifluo...	4.091	101	191820	49.191	ug/l	95
10) Methyl Iodide	4.291	142	222515	52.890	ug/l	98
11) Tert butyl alcohol	5.220	59	72068	117.492	ug/l #	83
12) 1,1-Dichloroethene	4.061	96	175315	48.764	ug/l	84
13) Acrolein	3.920	56	51593	210.162	ug/l	97
14) Allyl chloride	4.702	41	277750	47.862	ug/l #	90
15) Acrylonitrile	5.408	53	213375	259.833	ug/l	97
16) Acetone	4.149	43	178791	261.091	ug/l	92
17) Carbon Disulfide	4.402	76	577841	48.485	ug/l	99
18) Methyl Acetate	4.708	43	94195	49.467	ug/l #	91
19) Methyl tert-butyl Ether	5.473	73	424146	51.787	ug/l	98
20) Methylene Chloride	4.955	84	210778	48.399	ug/l	87
21) trans-1,2-Dichloroethene	5.461	96	211490	48.654	ug/l	86
22) Diisopropyl ether	6.355	45	599724	49.299	ug/l	94
23) Vinyl Acetate	6.296	43	1665924	256.735	ug/l #	94
24) 1,1-Dichloroethane	6.255	63	363172	46.510	ug/l	100
25) 2-Butanone	7.202	43	254378	253.904	ug/l #	89
26) 2,2-Dichloropropane	7.202	77	313409	47.064	ug/l	96
27) cis-1,2-Dichloroethene	7.202	96	235192	48.898	ug/l	88
28) Bromochloromethane	7.538	49	109253	40.612	ug/l #	76
29) Tetrahydrofuran	7.549	42	171290	264.408	ug/l	90
30) Chloroform	7.702	83	385197	47.251	ug/l	98
31) Cyclohexane	7.979	56	318779	46.141	ug/l	91
32) 1,1,1-Trichloroethane	7.896	97	339382	47.599	ug/l	95
36) 1,1-Dichloropropene	8.108	75	288238	49.486	ug/l	95
37) Ethyl Acetate	7.285	43	121391	52.762	ug/l #	96
38) Carbon Tetrachloride	8.090	117	296262	50.177	ug/l	99
39) Methylcyclohexane	9.349	83	337893	52.053	ug/l	96
40) Benzene	8.343	78	839421	50.005	ug/l	97

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41) Methacrylonitrile	7.514	41	73100	54.533	ug/l	89
42) 1,2-Dichloroethane	8.414	62	232469	49.770	ug/l	96
43) Isopropyl Acetate	8.443	43	223018	52.443	ug/l #	92
44) Trichloroethene	9.102	130	225970	50.480	ug/l	95
45) 1,2-Dichloropropane	9.379	63	209458	49.546	ug/l	96
46) Dibromomethane	9.467	93	118282	50.943	ug/l	95
47) Bromodichloromethane	9.655	83	294781	49.619	ug/l	99
48) Methyl methacrylate	9.443	41	116430	54.419	ug/l	88
49) 1,4-Dioxane	9.449	88	25239	1052.598	ug/l	96
51) 4-Methyl-2-Pentanone	10.220	43	600287	271.783	ug/l	91
52) Toluene	10.396	92	549871	51.836	ug/l	96
53) t-1,3-Dichloropropene	10.608	75	280019	52.173	ug/l	97
54) cis-1,3-Dichloropropene	10.079	75	327341	50.966	ug/l	90
55) 1,1,2-Trichloroethane	10.790	97	164114	52.270	ug/l	99
56) Ethyl methacrylate	10.649	69	200589	57.460	ug/l #	84
57) 1,3-Dichloropropane	10.937	76	272385	51.703	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.932	63	428464	257.616	ug/l	93
59) 2-Hexanone	10.973	43	423706	290.974	ug/l	93
60) Dibromochloromethane	11.126	129	203723	52.036	ug/l	98
61) 1,2-Dibromoethane	11.237	107	156796	52.261	ug/l	97
64) Tetrachloroethene	10.867	164	186600	50.970	ug/l	96
65) Chlorobenzene	11.661	112	573855	50.045	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.731	131	220569	51.866	ug/l	98
67) Ethyl Benzene	11.731	91	1026743	51.007	ug/l	97
68) m/p-Xylenes	11.843	106	813256	103.990	ug/l	99
69) o-Xylene	12.167	106	378962	52.748	ug/l	95
70) Styrene	12.184	104	664935	53.795	ug/l	96
71) Bromoform	12.349	173	118082	53.951	ug/l #	98
73) Isopropylbenzene	12.467	105	995249	50.005	ug/l	98
74) N-amyl acetate	12.278	43	221108	50.924	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.720	83	182030	49.590	ug/l	99
76) 1,2,3-Trichloropropane	12.767	75	127499m	46.544	ug/l	
77) Bromobenzene	12.749	156	237107	50.608	ug/l	91
78) n-propylbenzene	12.808	91	1251438	50.084	ug/l	98
79) 2-Chlorotoluene	12.896	91	712751	49.404	ug/l	97
80) 1,3,5-Trimethylbenzene	12.949	105	862253	51.142	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.514	75	60151	52.716	ug/l	89
82) 4-Chlorotoluene	12.990	91	757365	50.084	ug/l	99
83) tert-Butylbenzene	13.208	119	710070	49.972	ug/l	96
84) 1,2,4-Trimethylbenzene	13.255	105	858263	51.529	ug/l	98
85) sec-Butylbenzene	13.390	105	1101869	50.786	ug/l	99
86) p-Isopropyltoluene	13.502	119	905782	51.214	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	475583	50.360	ug/l	100
88) 1,4-Dichlorobenzene	13.578	146	469343	49.234	ug/l	99
89) n-Butylbenzene	13.825	91	863830	51.261	ug/l	99
90) Hexachloroethane	14.096	117	180518	49.328	ug/l	97
91) 1,2-Dichlorobenzene	13.873	146	412568	50.492	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.490	75	29127	51.815	ug/l	85
93) 1,2,4-Trichlorobenzene	15.143	180	251894	54.301	ug/l	98
94) Hexachlorobutadiene	15.249	225	134609	51.494	ug/l	99
95) Naphthalene	15.378	128	464455	50.778	ug/l	98
96) 1,2,3-Trichlorobenzene	15.572	180	226896	55.173	ug/l	99

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

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