

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061522\
 Data File : VD073582.D
 Acq On : 15 Jun 2022 09:33
 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

Reviewed By :Mahesh Dadoda 06/16/2022
 Supervised By :Semsettin Yesilyurt 06/16/2022

Quant Time: Jun 16 06:01:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060922S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 09 12:33:32 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	314758	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	497578	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	484238	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	248617	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	171737	50.843	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 101.680%			
35) Dibromofluoromethane	7.903	113	174381	54.500	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 109.000%			
50) Toluene-d8	10.332	98	656273	54.249	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 108.500%			
62) 4-Bromofluorobenzene	12.620	95	241805	55.060	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 110.120%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	124127	41.352	ug/l	98
3) Chloromethane	2.209	50	132305	42.979	ug/l	100
4) Vinyl Chloride	2.344	62	129583	44.895	ug/l	99
5) Bromomethane	2.756	94	97088	46.922	ug/l	99
6) Chloroethane	2.909	64	84776	46.091	ug/l	94
7) Trichlorofluoromethane	3.268	101	263320	46.558	ug/l	99
8) Diethyl Ether	3.709	74	73910	45.663	ug/l	89
9) 1,1,2-Trichlorotrifluo...	4.085	101	149221	46.132	ug/l	94
10) Methyl Iodide	4.297	142	156392	41.071	ug/l	100
11) Tert butyl alcohol	5.214	59	60530	24.888	ug/l #	89
12) 1,1-Dichloroethene	4.062	96	143986	46.882	ug/l	88
13) Acrolein	3.920	56	31442	211.348	ug/l	98
14) Allyl chloride	4.709	41	215697	47.176	ug/l #	91
15) Acrylonitrile	5.414	53	176019	242.170	ug/l	98
16) Acetone	4.150	43	151150	254.143	ug/l	96
17) Carbon Disulfide	4.403	76	434230	44.605	ug/l	98
18) Methyl Acetate	4.709	43	78512	46.915	ug/l #	91
19) Methyl tert-butyl Ether	5.473	73	367423	50.127	ug/l	97
20) Methylene Chloride	4.956	84	175829	46.985	ug/l #	82
21) trans-1,2-Dichloroethene	5.462	96	174784	47.045	ug/l	88
22) Diisopropyl ether	6.361	45	496649	50.338	ug/l #	92
23) Vinyl Acetate	6.297	43	1361902	254.443	ug/l #	91
24) 1,1-Dichloroethane	6.256	63	309147	48.881	ug/l	98
25) 2-Butanone	7.197	43	213756	244.263	ug/l	98
26) 2,2-Dichloropropane	7.197	77	274349	48.384	ug/l	97
27) cis-1,2-Dichloroethene	7.203	96	195137	48.587	ug/l	90
28) Bromochloromethane	7.538	49	121558	48.971	ug/l #	72
29) Tetrahydrofuran	7.556	42	138442	247.993	ug/l #	87
30) Chloroform	7.703	83	335757	49.690	ug/l	99
31) Cyclohexane	7.979	56	246710	43.358	ug/l	88
32) 1,1,1-Trichloroethane	7.897	97	296912	49.870	ug/l	96
36) 1,1-Dichloropropene	8.108	75	246287	51.250	ug/l	96
37) Ethyl Acetate	7.279	43	98677	50.834	ug/l #	95
38) Carbon Tetrachloride	8.091	117	260497	51.818	ug/l	96
39) Methylcyclohexane	9.350	83	268279	47.906	ug/l	96
40) Benzene	8.344	78	710515	50.829	ug/l	99

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41) Methacrylonitrile	7.514	41	54704	51.980	ug/l #	84
42) 1,2-Dichloroethane	8.414	62	203434	52.638	ug/l	96
43) Isopropyl Acetate	8.444	43	188096	50.363	ug/l #	92
44) Trichloroethene	9.102	130	196394	50.444	ug/l	95
45) 1,2-Dichloropropane	9.379	63	177285	51.196	ug/l	96
46) Dibromomethane	9.467	93	102074	52.326	ug/l	96
47) Bromodichloromethane	9.655	83	259191	53.026	ug/l #	96
48) Methyl methacrylate	9.450	41	94412	51.033	ug/l #	84
49) 1,4-Dioxane	9.455	88	23256	1036.511	ug/l	94
51) 4-Methyl-2-Pentanone	10.220	43	509481	269.596	ug/l	91
52) Toluene	10.397	92	480146	53.556	ug/l	96
53) t-1,3-Dichloropropene	10.614	75	246078	53.677	ug/l	96
54) cis-1,3-Dichloropropene	10.079	75	281426	52.415	ug/l #	88
55) 1,1,2-Trichloroethane	10.791	97	146629	52.703	ug/l	95
56) Ethyl methacrylate	10.649	69	171918	53.933	ug/l #	83
57) 1,3-Dichloropropane	10.938	76	235228	51.908	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.932	63	343322	261.962	ug/l	93
59) 2-Hexanone	10.973	43	358541	277.032	ug/l	92
60) Dibromochloromethane	11.132	129	188968	55.031	ug/l	97
61) 1,2-Dibromoethane	11.238	107	139102	52.473	ug/l	98
64) Tetrachloroethene	10.867	164	161668	49.039	ug/l	95
65) Chlorobenzene	11.661	112	515876	51.778	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.732	131	192310	50.872	ug/l	98
67) Ethyl Benzene	11.732	91	914357	52.515	ug/l	99
68) m/p-Xylenes	11.844	106	721297	105.566	ug/l	98
69) o-Xylene	12.173	106	331150	52.672	ug/l	97
70) Styrene	12.185	104	592839	54.667	ug/l	96
71) Bromoform	12.349	173	109418	52.934	ug/l #	99
73) Isopropylbenzene	12.467	105	877719	50.934	ug/l	100
74) N-amyl acetate	12.279	43	188825	49.255	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.720	83	165446	50.574	ug/l	99
76) 1,2,3-Trichloropropane	12.767	75	117517m	48.657	ug/l	
77) Bromobenzene	12.749	156	214842	51.049	ug/l	89
78) n-propylbenzene	12.808	91	1092965	50.954	ug/l	98
79) 2-Chlorotoluene	12.896	91	628364	50.397	ug/l	96
80) 1,3,5-Trimethylbenzene	12.949	105	768105	51.681	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.514	75	53595	52.085	ug/l	85
82) 4-Chlorotoluene	12.991	91	671824	51.110	ug/l	98
83) tert-Butylbenzene	13.208	119	646275	51.449	ug/l	95
84) 1,2,4-Trimethylbenzene	13.255	105	764192	51.516	ug/l	99
85) sec-Butylbenzene	13.390	105	943985	50.166	ug/l	99
86) p-Isopropyltoluene	13.502	119	783775	49.966	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	427737	49.775	ug/l	99
88) 1,4-Dichlorobenzene	13.579	146	422672	49.719	ug/l	99
89) n-Butylbenzene	13.826	91	716929	48.450	ug/l	98
90) Hexachloroethane	14.096	117	158729	48.863	ug/l	97
91) 1,2-Dichlorobenzene	13.873	146	372961	50.319	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.485	75	26429	50.585	ug/l	88
93) 1,2,4-Trichlorobenzene	15.143	180	214699	48.372	ug/l	99
94) Hexachlorobutadiene	15.249	225	112040	46.019	ug/l	97
95) Naphthalene	15.385	128	410305	46.053	ug/l	99
96) 1,2,3-Trichlorobenzene	15.573	180	191344	49.372	ug/l	98

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

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