

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD013122\
 Data File : VD071859.D
 Acq On : 31 Jan 2022 21:40
 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 : Semsettin Yesilyurt 02/01/2022
 Supervised By : Mahesh Dadoda 02/03/2022

Quant Time: Feb 01 04:07:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012622S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 27 06:04:38 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	365735	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	634658	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	600287	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	292010	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	266915	57.740	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 115.480%			
35) Dibromofluoromethane	7.914	113	234618	56.239	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 112.480%			
50) Toluene-d8	10.338	98	864615	55.494	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 110.980%			
62) 4-Bromofluorobenzene	12.626	95	306678	56.366	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 112.740%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	213365	49.196	ug/l	100
3) Chloromethane	2.214	50	272809	52.539	ug/l	96
4) Vinyl Chloride	2.356	62	274371	50.471	ug/l	100
5) Bromomethane	2.773	94	187211	52.194	ug/l	98
6) Chloroethane	2.926	64	179321	52.051	ug/l	100
7) Trichlorofluoromethane	3.279	101	390130	50.076	ug/l	100
8) Diethyl Ether	3.714	74	115768	56.317	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.103	101	224531	51.085	ug/l	99
10) Methyl Iodide	4.308	142	249671	55.410	ug/l	99
11) Tert butyl alcohol	5.220	59	70601	257.640	ug/l	97
12) 1,1-Dichloroethene	4.073	96	211899	52.736	ug/l	94
13) Acrolein	3.926	56	97961	238.587	ug/l	98
14) Allyl chloride	4.720	41	421018	54.970	ug/l	100
15) Acrylonitrile	5.420	53	301547	288.626	ug/l	98
16) Acetone	4.156	43	326310	257.867	ug/l	99
17) Carbon Disulfide	4.414	76	721458	51.494	ug/l	99
18) Methyl Acetate	4.720	43	138178	50.505	ug/l	97
19) Methyl tert-butyl Ether	5.479	73	553522	57.584	ug/l	99
20) Methylene Chloride	4.973	84	255831	55.824	ug/l	96
21) trans-1,2-Dichloroethene	5.479	96	254712	54.453	ug/l	97
22) Diisopropyl ether	6.367	45	891539	59.391	ug/l	98
23) Vinyl Acetate	6.308	43	2545039	307.328	ug/l	99
24) 1,1-Dichloroethane	6.267	63	491265	56.147	ug/l	97
25) 2-Butanone	7.214	43	425499	288.435	ug/l	99
26) 2,2-Dichloropropane	7.208	77	377983	52.203	ug/l	99
27) cis-1,2-Dichloroethene	7.214	96	280835	55.898	ug/l	98
28) Bromochloromethane	7.550	49	172847	52.375	ug/l	99
29) Tetrahydrofuran	7.561	42	256670	294.057	ug/l	99
30) Chloroform	7.714	83	490486	54.871	ug/l	99
31) Cyclohexane	7.991	56	445861	50.521	ug/l	96
32) 1,1,1-Trichloroethane	7.902	97	418817	53.119	ug/l	98
36) 1,1-Dichloropropene	8.108	75	371708	51.913	ug/l	98
37) Ethyl Acetate	7.297	43	180604	54.252	ug/l	98
38) Carbon Tetrachloride	8.097	117	362401	51.179	ug/l	99
39) Methylcyclohexane	9.355	83	427233	51.495	ug/l	96
40) Benzene	8.355	78	1041590	53.890	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	108184	57.443	ug/l	95
42) 1,2-Dichloroethane	8.426	62	334643	54.830	ug/l	99
43) Isopropyl Acetate	8.449	43	331057	55.331	ug/l	99
44) Trichloroethene	9.114	130	258945	51.888	ug/l	98
45) 1,2-Dichloropropane	9.385	63	271941	54.566	ug/l	96
46) Dibromomethane	9.473	93	145502	55.759	ug/l	99
47) Bromodichloromethane	9.661	83	380648	55.156	ug/l	99
48) Methyl methacrylate	9.455	41	179998	56.844	ug/l	99
49) 1,4-Dioxane	9.461	88	31409	1054.533	ug/l	93
51) 4-Methyl-2-Pentanone	10.226	43	904930	289.016	ug/l	99
52) Toluene	10.402	92	658986	54.829	ug/l	98
53) t-1,3-Dichloropropene	10.614	75	347174	54.772	ug/l	97
54) cis-1,3-Dichloropropene	10.085	75	406870	54.761	ug/l	99
55) 1,1,2-Trichloroethane	10.796	97	192175	55.489	ug/l	94
56) Ethyl methacrylate	10.655	69	250633	58.451	ug/l	99
57) 1,3-Dichloropropane	10.943	76	349145	56.470	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.938	63	560822	277.834	ug/l	100
59) 2-Hexanone	10.979	43	638208	280.833	ug/l	99
60) Dibromochloromethane	11.138	129	237567	55.549	ug/l	98
61) 1,2-Dibromoethane	11.243	107	185431	55.572	ug/l	100
64) Tetrachloroethene	10.873	164	215266	50.697	ug/l	96
65) Chlorobenzene	11.667	112	676106	53.239	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.738	131	245201	53.073	ug/l	98
67) Ethyl Benzene	11.738	91	1262096	54.010	ug/l	100
68) m/p-Xylenes	11.849	106	964256	108.487	ug/l	99
69) o-Xylene	12.173	106	450626	55.789	ug/l	98
70) Styrene	12.190	104	788428	56.630	ug/l	99
71) Bromoform	12.355	173	132189	53.588	ug/l #	99
73) Isopropylbenzene	12.473	105	1184682	52.392	ug/l	99
74) N-amyl acetate	12.285	43	315824	56.795	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.726	83	216541	51.749	ug/l	98
76) 1,2,3-Trichloropropane	12.773	75	159369m	51.787	ug/l	
77) Bromobenzene	12.755	156	263625	52.412	ug/l	99
78) n-propylbenzene	12.814	91	1491397	52.601	ug/l	100
79) 2-Chlorotoluene	12.902	91	843358	52.489	ug/l	99
80) 1,3,5-Trimethylbenzene	12.949	105	1010267	53.866	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.520	75	65671	52.469	ug/l	98
82) 4-Chlorotoluene	12.996	91	888346	53.143	ug/l	99
83) tert-Butylbenzene	13.214	119	816259	52.515	ug/l	99
84) 1,2,4-Trimethylbenzene	13.261	105	1001288	54.273	ug/l	99
85) sec-Butylbenzene	13.390	105	1270839	52.253	ug/l	100
86) p-Isopropyltoluene	13.508	119	1068208	54.050	ug/l	99
87) 1,3-Dichlorobenzene	13.508	146	528080	51.703	ug/l	99
88) 1,4-Dichlorobenzene	13.584	146	520393	51.052	ug/l	99
89) n-Butylbenzene	13.832	91	1016191	52.408	ug/l	100
90) Hexachloroethane	14.102	117	203299	51.751	ug/l	99
91) 1,2-Dichlorobenzene	13.879	146	458021	52.402	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.496	75	36209	52.250	ug/l	97
93) 1,2,4-Trichlorobenzene	15.149	180	273327	53.530	ug/l	98
94) Hexachlorobutadiene	15.255	225	139320	50.040	ug/l	99
95) Naphthalene	15.384	128	523700	51.580	ug/l	98
96) 1,2,3-Trichlorobenzene	15.578	180	238930	54.593	ug/l	98

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

