

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD113021\
 Data File : VD071094.D
 Acq On : 30 Nov 2021 20:21
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 12/01/2021
 Supervised By : Mahesh Dadoda 12/01/2021

Quant Time: Dec 01 03:36:32 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D112921S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 29 17:54:09 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	284391	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	475310	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	419557	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	192498	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	152727	45.768	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	91.540%		
35) Dibromofluoromethane	7.914	113	147935	48.876	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	97.760%		
50) Toluene-d8	10.338	98	547103	47.499	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	95.000%		
62) 4-Bromofluorobenzene	12.626	95	191184	47.884	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	95.760%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	116159	47.897	ug/l	97
3) Chloromethane	2.215	50	163208	50.868	ug/l	98
4) Vinyl Chloride	2.356	62	191109	53.389	ug/l	96
5) Bromomethane	2.779	94	132998	51.542	ug/l	98
6) Chloroethane	2.932	64	132088	53.651	ug/l	92
7) Trichlorofluoromethane	3.285	101	255358	52.661	ug/l	99
8) Diethyl Ether	3.709	74	62180	47.300	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.103	101	150593	52.639	ug/l	97
10) Methyl Iodide	4.303	142	157981	47.730	ug/l	94
11) Tert butyl alcohol	5.209	59	48185	216.562	ug/l #	93
12) 1,1-Dichloroethene	4.079	96	136454	51.685	ug/l	92
13) Acrolein	3.926	56	41303	181.122	ug/l	98
14) Allyl chloride	4.721	41	264423	52.729	ug/l #	79
15) Acrylonitrile	5.420	53	141674	221.601	ug/l	94
16) Acetone	4.156	43	172153	201.146	ug/l #	85
17) Carbon Disulfide	4.415	76	395743	51.197	ug/l	96
18) Methyl Acetate	4.726	43	105850	42.992	ug/l	95
19) Methyl tert-butyl Ether	5.479	73	315992	48.838	ug/l	95
20) Methylene Chloride	4.968	84	166513	49.399	ug/l	89
21) trans-1,2-Dichloroethene	5.479	96	160233	53.916	ug/l	87
22) Diisopropyl ether	6.362	45	530999	52.850	ug/l	93
23) Vinyl Acetate	6.303	43	1174367	219.831	ug/l	97
24) 1,1-Dichloroethane	6.267	63	308443	53.374	ug/l	98
25) 2-Butanone	7.214	43	201409	202.837	ug/l #	89
26) 2,2-Dichloropropane	7.209	77	270565	51.488	ug/l	96
27) cis-1,2-Dichloroethene	7.209	96	179844	53.490	ug/l	90
28) Bromochloromethane	7.550	49	114360	45.562	ug/l	93
29) Tetrahydrofuran	7.562	42	115076	217.173	ug/l	94
30) Chloroform	7.709	83	319635	55.113	ug/l	98
31) Cyclohexane	7.985	56	277971	48.971	ug/l	95
32) 1,1,1-Trichloroethane	7.903	97	281229	54.009	ug/l	94
36) 1,1-Dichloropropene	8.114	75	233522	52.567	ug/l	98
37) Ethyl Acetate	7.291	43	85115	44.355	ug/l #	94
38) Carbon Tetrachloride	8.097	117	239000	54.578	ug/l	96
39) Methylcyclohexane	9.356	83	279132	52.240	ug/l	97
40) Benzene	8.350	78	648790	53.766	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	55974	58.516	ug/l #	70
42) 1,2-Dichloroethane	8.426	62	189214	51.370	ug/l	93
43) Isopropyl Acetate	8.450	43	176632	42.685	ug/l	92
44) Trichloroethene	9.114	130	177349	55.123	ug/l	98
45) 1,2-Dichloropropane	9.385	63	170975	53.878	ug/l	96
46) Dibromomethane	9.473	93	80342	48.799	ug/l	97
47) Bromodichloromethane	9.661	83	229435	52.695	ug/l	100
48) Methyl methacrylate	9.456	41	89817	47.817	ug/l #	84
49) 1,4-Dioxane	9.456	88	13647	858.695	ug/l #	87
51) 4-Methyl-2-Pentanone	10.226	43	436000	207.438	ug/l	90
52) Toluene	10.403	92	417224	54.495	ug/l	98
53) t-1,3-Dichloropropene	10.614	75	198088	49.483	ug/l	96
54) cis-1,3-Dichloropropene	10.085	75	249449	52.459	ug/l #	81
55) 1,1,2-Trichloroethane	10.797	97	107915	49.965	ug/l	97
56) Ethyl methacrylate	10.655	69	129525	42.654	ug/l #	75
57) 1,3-Dichloropropane	10.938	76	192619	50.767	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.938	63	337015	229.306	ug/l	99
59) 2-Hexanone	10.979	43	308993	197.877	ug/l	89
60) Dibromochloromethane	11.132	129	138334	51.534	ug/l	98
61) 1,2-Dibromoethane	11.244	107	102222	49.280	ug/l	99
64) Tetrachloroethene	10.873	164	146202	54.890	ug/l	94
65) Chlorobenzene	11.667	112	425610	54.674	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.738	131	154922	54.505	ug/l	98
67) Ethyl Benzene	11.738	91	812223	55.424	ug/l	99
68) m/p-Xylenes	11.850	106	617835	111.671	ug/l	97
69) o-Xylene	12.173	106	289468	55.667	ug/l	96
70) Styrene	12.185	104	478126	54.556	ug/l	96
71) Bromoform	12.350	173	73499	49.914	ug/l #	99
73) Isopropylbenzene	12.473	105	788841	56.595	ug/l	100
74) N-amyl acetate	12.279	43	160536	42.972	ug/l	90
75) 1,1,2,2-Tetrachloroethane	12.720	83	113365	49.389	ug/l	99
76) 1,2,3-Trichloropropane	12.773	75	76385m	41.649	ug/l	
77) Bromobenzene	12.749	156	161879	53.619	ug/l	99
78) n-propylbenzene	12.814	91	979209	56.412	ug/l	99
79) 2-Chlorotoluene	12.897	91	536099	55.028	ug/l	99
80) 1,3,5-Trimethylbenzene	12.949	105	642119	55.866	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.520	75	31128	40.887	ug/l #	73
82) 4-Chlorotoluene	12.997	91	556326	55.005	ug/l	99
83) tert-Butylbenzene	13.214	119	557140	56.442	ug/l	96
84) 1,2,4-Trimethylbenzene	13.261	105	622275	55.454	ug/l	99
85) sec-Butylbenzene	13.391	105	839263	55.667	ug/l	99
86) p-Isopropyltoluene	13.508	119	691582	56.085	ug/l	98
87) 1,3-Dichlorobenzene	13.508	146	331767	55.204	ug/l	99
88) 1,4-Dichlorobenzene	13.585	146	320973	53.907	ug/l	98
89) n-Butylbenzene	13.832	91	671321	55.770	ug/l	99
90) Hexachloroethane	14.102	117	131507	56.259	ug/l	97
91) 1,2-Dichlorobenzene	13.879	146	283749	55.519	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.496	75	18345	49.077	ug/l	99
93) 1,2,4-Trichlorobenzene	15.149	180	171259	53.720	ug/l	100
94) Hexachlorobutadiene	15.255	225	99082	54.930	ug/l	98
95) Naphthalene	15.385	128	284536	50.630	ug/l	99
96) 1,2,3-Trichlorobenzene	15.579	180	142173	52.507	ug/l	98

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

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