

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD013122\
 Data File : VD071837.D
 Acq On : 31 Jan 2022 10:31
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 02/01/2022
 Supervised By : Mahesh Dadoda 02/03/2022

Quant Time: Jan 31 13:34:21 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	380844	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	623613	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	579991	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	273517	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	252848	52.527	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 105.060%			
35) Dibromofluoromethane	7.920	113	231812	56.551	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 113.100%			
50) Toluene-d8	10.338	98	889292	58.089	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 116.180%			
62) 4-Bromofluorobenzene	12.626	95	297783	55.701	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 111.400%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	209134	46.307	ug/l	98
3) Chloromethane	2.215	50	260814	48.236	ug/l	97
4) Vinyl Chloride	2.356	62	271402	47.944	ug/l	98
5) Bromomethane	2.779	94	192351	51.499	ug/l	95
6) Chloroethane	2.932	64	180078	50.197	ug/l	98
7) Trichlorofluoromethane	3.285	101	397388	48.984	ug/l	100
8) Diethyl Ether	3.714	74	96513	45.087	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.109	101	226434	49.474	ug/l	99
10) Methyl Iodide	4.309	142	246210	52.474	ug/l	97
11) Tert butyl alcohol	5.220	59	59857	200.505	ug/l	98
12) 1,1-Dichloroethene	4.079	96	212574	50.806	ug/l	94
13) Acrolein	3.926	56	81619	190.899	ug/l	97
14) Allyl chloride	4.726	41	404857	50.763	ug/l	99
15) Acrylonitrile	5.420	53	241596	222.070	ug/l	100
16) Acetone	4.156	43	327701	248.692	ug/l	97
17) Carbon Disulfide	4.420	76	743692	50.975	ug/l	99
18) Methyl Acetate	4.720	43	126948	44.559	ug/l	98
19) Methyl tert-butyl Ether	5.485	73	468792	46.835	ug/l	96
20) Methylene Chloride	4.973	84	242985	50.562	ug/l	94
21) trans-1,2-Dichloroethene	5.479	96	254629	52.275	ug/l	99
22) Diisopropyl ether	6.367	45	807705	51.671	ug/l	99
23) Vinyl Acetate	6.308	43	2066927	239.691	ug/l	99
24) 1,1-Dichloroethane	6.273	63	475571	52.197	ug/l	100
25) 2-Butanone	7.214	43	353963	230.424	ug/l	99
26) 2,2-Dichloropropane	7.220	77	397779	52.758	ug/l	100
27) cis-1,2-Dichloroethene	7.214	96	277650	53.072	ug/l	99
28) Bromochloromethane	7.544	49	171908	50.024	ug/l #	19
29) Tetrahydrofuran	7.567	42	196429	216.114	ug/l	99
30) Chloroform	7.714	83	481949	51.777	ug/l	95
31) Cyclohexane	7.991	56	446953	48.636	ug/l	95
32) 1,1,1-Trichloroethane	7.902	97	420867	51.262	ug/l	99
36) 1,1-Dichloropropene	8.114	75	381196	54.181	ug/l	99
37) Ethyl Acetate	7.297	43	142965	43.706	ug/l	100
38) Carbon Tetrachloride	8.097	117	372355	53.517	ug/l	98
39) Methylcyclohexane	9.355	83	433830	53.216	ug/l	97
40) Benzene	8.355	78	1021369	53.780	ug/l	100

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41) Methacrylonitrile	7.520	41	97367m	52.615	ug/l	
42) 1,2-Dichloroethane	8.426	62	309613	51.628	ug/l	99
43) Isopropyl Acetate	8.449	43	272494	46.349	ug/l	98
44) Trichloroethene	9.114	130	252857	51.565	ug/l	98
45) 1,2-Dichloropropane	9.385	63	258127	52.711	ug/l	94
46) Dibromomethane	9.473	93	130597	50.933	ug/l	100
47) Bromodichloromethane	9.661	83	356183	52.525	ug/l	99
48) Methyl methacrylate	9.455	41	143688	46.181	ug/l	96
49) 1,4-Dioxane	9.455	88	25773	880.634	ug/l	93
51) 4-Methyl-2-Pentanone	10.226	43	706550	229.654	ug/l	100
52) Toluene	10.402	92	636021	53.856	ug/l	100
53) t-1,3-Dichloropropene	10.620	75	312723	50.211	ug/l	96
54) cis-1,3-Dichloropropene	10.085	75	381647	52.276	ug/l	97
55) 1,1,2-Trichloroethane	10.796	97	171509	50.399	ug/l	98
56) Ethyl methacrylate	10.655	69	200945	47.693	ug/l	96
57) 1,3-Dichloropropane	10.943	76	306209	50.403	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.938	63	447935	225.839	ug/l	100
59) 2-Hexanone	10.979	43	534767	239.483	ug/l	100
60) Dibromochloromethane	11.138	129	214322	51.002	ug/l	99
61) 1,2-Dibromoethane	11.243	107	158978	48.488	ug/l	97
64) Tetrachloroethene	10.873	164	214721	52.338	ug/l	92
65) Chlorobenzene	11.667	112	650989	53.055	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.738	131	236431	52.966	ug/l	99
67) Ethyl Benzene	11.743	91	1230263	54.490	ug/l	100
68) m/p-Xylenes	11.849	106	953589	111.042	ug/l	100
69) o-Xylene	12.173	106	434122	55.627	ug/l	98
70) Styrene	12.190	104	742206	55.176	ug/l	100
71) Bromoform	12.355	173	115406	48.422	ug/l #	98
73) Isopropylbenzene	12.473	105	1158926	54.719	ug/l	100
74) N-amyl acetate	12.285	43	243808	46.809	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.726	83	179076	45.690	ug/l	99
76) 1,2,3-Trichloropropane	12.773	75	142054m	49.281	ug/l	
77) Bromobenzene	12.755	156	241187	51.193	ug/l	99
78) n-propylbenzene	12.814	91	1467786	55.268	ug/l	100
79) 2-Chlorotoluene	12.902	91	811560	53.925	ug/l	100
80) 1,3,5-Trimethylbenzene	12.955	105	977737	55.657	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.520	75	51656	44.062	ug/l	95
82) 4-Chlorotoluene	12.996	91	852541	54.449	ug/l	99
83) tert-Butylbenzene	13.214	119	829083	56.946	ug/l	98
84) 1,2,4-Trimethylbenzene	13.261	105	962660	55.707	ug/l	100
85) sec-Butylbenzene	13.390	105	1252944	55.000	ug/l	100
86) p-Isopropyltoluene	13.508	119	1035206	55.922	ug/l	99
87) 1,3-Dichlorobenzene	13.508	146	506356	52.928	ug/l	99
88) 1,4-Dichlorobenzene	13.584	146	489721	51.291	ug/l	99
89) n-Butylbenzene	13.832	91	999584	55.037	ug/l	99
90) Hexachloroethane	14.102	117	201212	54.683	ug/l	98
91) 1,2-Dichlorobenzene	13.879	146	423919	51.779	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.496	75	28640	44.122	ug/l	97
93) 1,2,4-Trichlorobenzene	15.149	180	241694	50.535	ug/l	99
94) Hexachlorobutadiene	15.255	225	140575	53.905	ug/l	98
95) Naphthalene	15.384	128	415845	43.948	ug/l	99
96) 1,2,3-Trichlorobenzene	15.579	180	206843	50.457	ug/l	98

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

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