

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021522\
 Data File : VD071970.D
 Acq On : 15 Feb 2022 09:52
 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 02/16/2022
 Supervised By : Mahesh Dadoda 02/18/2022

Quant Time: Feb 16 00:32:39 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	359312	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	583529	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	554390	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	280757	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	220176	48.48	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	96.96%		
35) Dibromofluoromethane	7.914	113	204171	53.23	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	106.46%		
50) Toluene-d8	10.338	98	734515	51.27	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	102.54%		
62) 4-Bromofluorobenzene	12.626	95	269395	53.85	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	107.70%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	188889	44.33	ug/l	98
3) Chloromethane	2.215	50	219080	42.95	ug/l	100
4) Vinyl Chloride	2.356	62	250368	46.88	ug/l	100
5) Bromomethane	2.774	94	167167	47.44	ug/l	97
6) Chloroethane	2.926	64	169069	49.95	ug/l	98
7) Trichlorofluoromethane	3.285	101	381621	49.86	ug/l	96
8) Diethyl Ether	3.715	74	90925	45.02	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.103	101	222015	51.42	ug/l	99
10) Methyl Iodide	4.309	142	227566	51.41	ug/l	97
11) Tert butyl alcohol	5.215	59	48393	164.69	ug/l	95
12) 1,1-Dichloroethene	4.073	96	194234	49.20	ug/l	98
13) Acrolein	3.926	56	76147	188.77	ug/l	100
14) Allyl chloride	4.721	41	364076	48.38	ug/l	96
15) Acrylonitrile	5.420	53	256100	249.51	ug/l	98
16) Acetone	4.156	43	331593	266.73	ug/l	98
17) Carbon Disulfide	4.415	76	620545	45.08	ug/l	99
18) Methyl Acetate	4.721	43	119103	44.31	ug/l	99
19) Methyl tert-butyl Ether	5.479	73	458920	48.60	ug/l	97
20) Methylene Chloride	4.968	84	224088	49.33	ug/l	96
21) trans-1,2-Dichloroethene	5.485	96	232529	50.60	ug/l	94
22) Diisopropyl ether	6.362	45	788814	53.49	ug/l	99
23) Vinyl Acetate	6.309	43	2160602	265.57	ug/l	99
24) 1,1-Dichloroethane	6.267	63	452572	52.65	ug/l	98
25) 2-Butanone	7.209	43	362812	250.34	ug/l	96
26) 2,2-Dichloropropane	7.209	77	380700	53.52	ug/l	98
27) cis-1,2-Dichloroethene	7.214	96	253579	51.38	ug/l	97
28) Bromochloromethane	7.544	49	152214	46.95	ug/l	99
29) Tetrahydrofuran	7.562	42	211146	246.23	ug/l	98
30) Chloroform	7.709	83	465579	53.02	ug/l	97
31) Cyclohexane	7.985	56	421411	48.60	ug/l	97
32) 1,1,1-Trichloroethane	7.909	97	409093	52.81	ug/l	98
36) 1,1-Dichloropropene	8.114	75	354111	53.79	ug/l	98
37) Ethyl Acetate	7.291	43	150863	49.29	ug/l	98
38) Carbon Tetrachloride	8.097	117	355296	54.57	ug/l	99
39) Methylcyclohexane	9.356	83	408776	53.59	ug/l	97
40) Benzene	8.350	78	965035	54.30	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	83639	48.30	ug/l	94
42) 1,2-Dichloroethane	8.426	62	301260	53.69	ug/l	100
43) Isopropyl Acetate	8.450	43	281367	51.15	ug/l	98
44) Trichloroethene	9.114	130	240852	52.49	ug/l	98
45) 1,2-Dichloropropane	9.385	63	251493	54.88	ug/l	96
46) Dibromomethane	9.473	93	131097	54.64	ug/l	97
47) Bromodichloromethane	9.661	83	346797	54.65	ug/l	96
48) Methyl methacrylate	9.456	41	147204	50.56	ug/l	98
49) 1,4-Dioxane	9.456	88	25721	939.23	ug/l	98
51) 4-Methyl-2-Pentanone	10.226	43	762807	264.97	ug/l	98
52) Toluene	10.403	92	609424	55.15	ug/l	100
53) t-1,3-Dichloropropene	10.614	75	309090	53.04	ug/l	98
54) cis-1,3-Dichloropropene	10.085	75	363188	53.16	ug/l	98
55) 1,1,2-Trichloroethane	10.797	97	170464	53.53	ug/l	97
56) Ethyl methacrylate	10.655	69	204892	51.97	ug/l	98
57) 1,3-Dichloropropane	10.944	76	305994	53.83	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.938	63	462228	249.05	ug/l	99
59) 2-Hexanone	10.979	43	564749	270.28	ug/l	98
60) Dibromochloromethane	11.138	129	216212	54.99	ug/l	99
61) 1,2-Dibromoethane	11.244	107	160369	52.27	ug/l	99
64) Tetrachloroethene	10.873	164	201036	51.27	ug/l	95
65) Chlorobenzene	11.667	112	628459	53.58	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.738	131	231417	54.24	ug/l	99
67) Ethyl Benzene	11.738	91	1194596	55.35	ug/l	98
68) m/p-Xylenes	11.850	106	923507	112.50	ug/l	99
69) o-Xylene	12.173	106	415235	55.66	ug/l	99
70) Styrene	12.191	104	722443	56.19	ug/l	99
71) Bromoform	12.355	173	114738	50.36	ug/l #	99
73) Isopropylbenzene	12.473	105	1130033	51.98	ug/l	99
74) N-amyl acetate	12.279	43	260603	48.74	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.720	83	193118	48.00	ug/l	96
76) 1,2,3-Trichloropropane	12.773	75	133996m	45.29	ug/l	
77) Bromobenzene	12.755	156	235405	48.68	ug/l	99
78) n-propylbenzene	12.814	91	1443254	52.94	ug/l	99
79) 2-Chlorotoluene	12.902	91	795917	51.52	ug/l	100
80) 1,3,5-Trimethylbenzene	12.949	105	957185	53.08	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.520	75	52687	43.78	ug/l	97
82) 4-Chlorotoluene	12.997	91	829466	51.61	ug/l	98
83) tert-Butylbenzene	13.214	119	795013	53.20	ug/l	100
84) 1,2,4-Trimethylbenzene	13.261	105	936305	52.78	ug/l	99
85) sec-Butylbenzene	13.391	105	1235829	52.85	ug/l	100
86) p-Isopropyltoluene	13.502	119	1028862	54.15	ug/l	100
87) 1,3-Dichlorobenzene	13.508	146	501514	51.07	ug/l	99
88) 1,4-Dichlorobenzene	13.585	146	486140	49.60	ug/l	99
89) n-Butylbenzene	13.832	91	1012400	54.30	ug/l	99
90) Hexachloroethane	14.102	117	199574	52.84	ug/l	97
91) 1,2-Dichlorobenzene	13.879	146	424601	50.53	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.491	75	30177	45.29	ug/l	100
93) 1,2,4-Trichlorobenzene	15.143	180	235945	48.06	ug/l	99
94) Hexachlorobutadiene	15.249	225	138006	51.55	ug/l	99
95) Naphthalene	15.385	128	423147	43.58	ug/l	99
96) 1,2,3-Trichlorobenzene	15.579	180	204619	48.63	ug/l	100

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

