

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060421\
 Data File : VD069357.D
 Acq On : 04 Jun 2021 20:33
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 6/7/2021 7:14:57 PM

Quant Time: Jun 05 00:38:21 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060121S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 02 02:17:36 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	424093	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	720352	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	721577	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	346574	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	184133	45.250	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	90.500%		
35) Dibromofluoromethane	7.914	113	204595	45.228	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	90.460%		
50) Toluene-d8	10.338	98	721017	43.832	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	87.660%		
62) 4-Bromofluorobenzene	12.626	95	268059	49.732	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	99.460%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	183339	41.070	ug/l	100
3) Chloromethane	2.209	50	171927	51.016	ug/l	96
4) Vinyl Chloride	2.350	62	178827	52.087	ug/l	96
5) Bromomethane	2.768	94	142215	56.778	ug/l	94
6) Chloroethane	2.920	64	111606	56.968	ug/l	95
7) Trichlorofluoromethane	3.273	101	355238	44.484	ug/l	93
8) Diethyl Ether	3.715	74	102202	52.093	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.097	101	210344	44.730	ug/l	99
10) Methyl Iodide	4.303	142	219753	45.979	ug/l	99
11) Tert butyl alcohol	5.214	59	66195	267.137	ug/l #	73
12) 1,1-Dichloroethene	4.067	96	200917	47.234	ug/l	97
13) Acrolein	3.920	56	65214	240.737	ug/l	96
14) Allyl chloride	4.715	41	249427	48.601	ug/l	98
15) Acrylonitrile	5.420	53	202537	264.814	ug/l	98
16) Acetone	4.156	43	153776	216.550	ug/l	99
17) Carbon Disulfide	4.409	76	632203	44.946	ug/l	98
18) Methyl Acetate	4.720	43	95562	49.728	ug/l	100
19) Methyl tert-butyl Ether	5.485	73	435931	55.802	ug/l	96
20) Methylene Chloride	4.962	84	273909	53.135	ug/l	99
21) trans-1,2-Dichloroethene	5.473	96	246813	48.992	ug/l	96
22) Diisopropyl ether	6.361	45	540276	54.811	ug/l	93
23) Vinyl Acetate	6.309	43	1586274	251.773	ug/l	96
24) 1,1-Dichloroethane	6.267	63	412372	49.995	ug/l	98
25) 2-Butanone	7.214	43	242755	259.792	ug/l	95
26) 2,2-Dichloropropane	7.208	77	336745	44.304	ug/l	100
27) cis-1,2-Dichloroethene	7.214	96	280308	52.531	ug/l	97
28) Bromochloromethane	7.550	49	137305	48.012	ug/l	93
29) Tetrahydrofuran	7.567	42	146151	272.122	ug/l	97
30) Chloroform	7.708	83	462342	51.272	ug/l	97
31) Cyclohexane	7.985	56	271454	41.982	ug/l	99
32) 1,1,1-Trichloroethane	7.903	97	391238	48.076	ug/l	99
36) 1,1-Dichloropropene	8.114	75	318687	45.515	ug/l	99
37) Ethyl Acetate	7.297	43	119173	50.127	ug/l	98
38) Carbon Tetrachloride	8.097	117	343297	45.411	ug/l	95
39) Methylcyclohexane	9.355	83	335467	46.836	ug/l	93
40) Benzene	8.350	78	986890	48.530	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.532	41	67915	58.839	ug/l #	83
42) 1,2-Dichloroethane	8.426	62	275408	50.749	ug/l	100
43) Isopropyl Acetate	8.455	43	227895	52.670	ug/l	98
44) Trichloroethene	9.114	130	274668	49.712	ug/l	97
45) 1,2-Dichloropropane	9.385	63	241843	49.950	ug/l	98
46) Dibromomethane	9.473	93	140202	50.663	ug/l	91
47) Bromodichloromethane	9.661	83	360117	50.465	ug/l	98
48) Methyl methacrylate	9.455	41	106198	52.867	ug/l	89
49) 1,4-Dioxane	9.461	88	29577	1088.031	ug/l	97
51) 4-Methyl-2-Pentanone	10.226	43	608335	272.209	ug/l	99
52) Toluene	10.402	92	649173	50.576	ug/l	100
53) t-1,3-Dichloropropene	10.620	75	320571	50.301	ug/l	100
54) cis-1,3-Dichloropropene	10.091	75	382906	50.394	ug/l	98
55) 1,1,2-Trichloroethane	10.797	97	200815	52.313	ug/l	98
56) Ethyl methacrylate	10.661	69	230446	52.499	ug/l	96
57) 1,3-Dichloropropane	10.944	76	330844	53.154	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.938	63	504164	280.488	ug/l	100
59) 2-Hexanone	10.985	43	410922	275.068	ug/l	100
60) Dibromochloromethane	11.138	129	250399	51.768	ug/l	99
61) 1,2-Dibromoethane	11.244	107	195633	53.428	ug/l	98
64) Tetrachloroethene	10.873	164	234259	46.641	ug/l	95
65) Chlorobenzene	11.667	112	720948	48.892	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.738	131	270535	48.966	ug/l	99
67) Ethyl Benzene	11.744	91	1265679	49.960	ug/l	98
68) m/p-Xylenes	11.849	106	971342	97.848	ug/l	100
69) o-Xylene	12.179	106	465604	53.031	ug/l	98
70) Styrene	12.191	104	804042	52.755	ug/l	99
71) Bromoform	12.355	173	147298	51.403	ug/l #	97
73) Isopropylbenzene	12.473	105	1199176	50.558	ug/l	100
74) N-amyl acetate	12.285	43	218394	52.139	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.726	83	251796	56.865	ug/l	90
76) 1,2,3-Trichloropropane	12.773	75	168392m	55.923	ug/l	
77) Bromobenzene	12.755	156	293751	51.426	ug/l	98
78) n-propylbenzene	12.814	91	1441417	49.551	ug/l	100
79) 2-Chlorotoluene	12.902	91	823152	49.779	ug/l	97
80) 1,3,5-Trimethylbenzene	12.955	105	1016902	50.622	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.526	75	59230	43.589	ug/l	89
82) 4-Chlorotoluene	13.002	91	861530	49.523	ug/l	100
83) tert-Butylbenzene	13.220	119	869931	51.711	ug/l	98
84) 1,2,4-Trimethylbenzene	13.261	105	1029713	51.542	ug/l	99
85) sec-Butylbenzene	13.396	105	1235957	49.776	ug/l	99
86) p-Isopropyltoluene	13.508	119	1095080	50.439	ug/l	99
87) 1,3-Dichlorobenzene	13.508	146	567155	49.063	ug/l	100
88) 1,4-Dichlorobenzene	13.591	146	554467	48.126	ug/l	99
89) n-Butylbenzene	13.838	91	1027308	50.573	ug/l	99
90) Hexachloroethane	14.102	117	191986	46.549	ug/l	98
91) 1,2-Dichlorobenzene	13.885	146	496619	49.856	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.496	75	33679	47.747	ug/l	93
93) 1,2,4-Trichlorobenzene	15.155	180	316907	53.025	ug/l	99
94) Hexachlorobutadiene	15.255	225	180906	48.212	ug/l	98
95) Naphthalene	15.390	128	602615	50.890	ug/l	99
96) 1,2,3-Trichlorobenzene	15.585	180	281827	53.578	ug/l	99

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

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