

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060221\
 Data File : VD069315.D
 Acq On : 02 Jun 2021 21:39
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 6/3/2021 5:40:02 PM

Quant Time: Jun 03 01:13:02 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	7.985	168	427821	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	745481	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	703903	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	336031	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	199514	48.602	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	97.200%		
35) Dibromofluoromethane	7.914	113	216241	46.191	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	92.380%		
50) Toluene-d8	10.338	98	774644	45.505	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	91.000%		
62) 4-Bromofluorobenzene	12.626	95	270917	48.568	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	97.140%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	203059	45.091	ug/l	98
3) Chloromethane	2.209	50	186308	54.801	ug/l	98
4) Vinyl Chloride	2.350	62	177286	51.188	ug/l	96
5) Bromomethane	2.768	94	138047	54.634	ug/l	99
6) Chloroethane	2.926	64	107768	54.529	ug/l	99
7) Trichlorofluoromethane	3.273	101	377478	46.857	ug/l	95
8) Diethyl Ether	3.709	74	115004	58.108	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.103	101	222859	46.979	ug/l	99
10) Methyl Iodide	4.303	142	251201	51.766	ug/l	99
11) Tert butyl alcohol	5.226	59	56304	220.655	ug/l	97
12) 1,1-Dichloroethene	4.073	96	214948	50.093	ug/l	93
13) Acrolein	3.920	56	68422	249.692	ug/l	96
14) Allyl chloride	4.714	41	283694	54.796	ug/l	99
15) Acrylonitrile	5.426	53	218423	283.097	ug/l	99
16) Acetone	4.156	43	168805	235.642	ug/l	98
17) Carbon Disulfide	4.415	76	707023	49.827	ug/l	99
18) Methyl Acetate	4.714	43	104495	53.903	ug/l	96
19) Methyl tert-butyl Ether	5.479	73	462735	58.717	ug/l	97
20) Methylene Chloride	4.967	84	297324	57.769	ug/l	96
21) trans-1,2-Dichloroethene	5.473	96	266543	52.447	ug/l	94
22) Diisopropyl ether	6.367	45	584632	58.795	ug/l	95
23) Vinyl Acetate	6.309	43	1692372	265.603	ug/l	98
24) 1,1-Dichloroethane	6.267	63	449662	54.041	ug/l	99
25) 2-Butanone	7.214	43	257633	273.311	ug/l	91
26) 2,2-Dichloropropane	7.208	77	364307	47.513	ug/l	100
27) cis-1,2-Dichloroethene	7.214	96	303484	56.379	ug/l	98
28) Bromochloromethane	7.550	49	148186	51.365	ug/l	97
29) Tetrahydrofuran	7.561	42	154252	284.703	ug/l	96
30) Chloroform	7.708	83	491061	53.982	ug/l	96
31) Cyclohexane	7.985	56	307983	47.217	ug/l	99
32) 1,1,1-Trichloroethane	7.903	97	422407	51.454	ug/l	99
36) 1,1-Dichloropropene	8.108	75	342279	47.236	ug/l	98
37) Ethyl Acetate	7.291	43	127480	51.813	ug/l	97
38) Carbon Tetrachloride	8.097	117	364644	46.609	ug/l	92
39) Methylcyclohexane	9.355	83	358046	48.303	ug/l	98
40) Benzene	8.350	78	1057049	50.228	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.526	41	70558	59.068	ug/l	85
42) 1,2-Dichloroethane	8.426	62	287206	51.139	ug/l	99
43) Isopropyl Acetate	8.450	43	235917	52.686	ug/l	99
44) Trichloroethene	9.114	130	285306	49.897	ug/l	98
45) 1,2-Dichloropropane	9.391	63	261591	52.208	ug/l	99
46) Dibromomethane	9.473	93	148602	51.888	ug/l	96
47) Bromodichloromethane	9.661	83	377790	51.157	ug/l	96
48) Methyl methacrylate	9.455	41	111117	53.451	ug/l	90
49) 1,4-Dioxane	9.461	88	28749	1021.922	ug/l #	94
51) 4-Methyl-2-Pentanone	10.226	43	624253	269.916	ug/l	99
52) Toluene	10.402	92	694877	52.312	ug/l	99
53) t-1,3-Dichloropropene	10.620	75	333947	50.634	ug/l	99
54) cis-1,3-Dichloropropene	10.091	75	399470	50.802	ug/l	99
55) 1,1,2-Trichloroethane	10.797	97	206572	51.999	ug/l	98
56) Ethyl methacrylate	10.661	69	236205	52.022	ug/l	99
57) 1,3-Dichloropropane	10.944	76	341179	52.967	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.944	63	542774	291.789	ug/l	99
59) 2-Hexanone	10.979	43	417001	269.728	ug/l	100
60) Dibromochloromethane	11.138	129	259796	51.901	ug/l	98
61) 1,2-Dibromoethane	11.244	107	200077	52.799	ug/l	99
64) Tetrachloroethene	10.873	164	245817	50.171	ug/l	97
65) Chlorobenzene	11.667	112	734874	51.088	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.744	131	277594	51.506	ug/l	100
67) Ethyl Benzene	11.744	91	1313903	53.165	ug/l	98
68) m/p-Xylenes	11.849	106	1021030	105.436	ug/l	100
69) o-Xylene	12.179	106	468896	54.747	ug/l	99
70) Styrene	12.191	104	825753	55.540	ug/l	99
71) Bromoform	12.355	173	146419	52.379	ug/l #	98
73) Isopropylbenzene	12.473	105	1240142	53.925	ug/l	99
74) N-amyl acetate	12.285	43	220069	54.187	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.726	83	222288	51.776	ug/l	98
76) 1,2,3-Trichloropropane	12.779	75	170164m	58.284	ug/l	
77) Bromobenzene	12.755	156	298391	53.877	ug/l	99
78) n-propylbenzene	12.814	91	1479560	52.458	ug/l	100
79) 2-Chlorotoluene	12.902	91	862260	53.780	ug/l	98
80) 1,3,5-Trimethylbenzene	12.955	105	1044462	53.626	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.520	75	62954	47.784	ug/l	96
82) 4-Chlorotoluene	13.002	91	892163	52.893	ug/l	100
83) tert-Butylbenzene	13.220	119	879741	53.935	ug/l	98
84) 1,2,4-Trimethylbenzene	13.261	105	1059600	54.702	ug/l	98
85) sec-Butylbenzene	13.396	105	1244358	51.687	ug/l	100
86) p-Isopropyltoluene	13.508	119	1125220	53.453	ug/l	99
87) 1,3-Dichlorobenzene	13.508	146	585190	52.211	ug/l	99
88) 1,4-Dichlorobenzene	13.590	146	567629	50.814	ug/l	99
89) n-Butylbenzene	13.838	91	1005718	51.064	ug/l	99
90) Hexachloroethane	14.102	117	198448	49.625	ug/l	98
91) 1,2-Dichlorobenzene	13.885	146	506369	52.429	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.496	75	33480	48.954	ug/l	98
93) 1,2,4-Trichlorobenzene	15.149	180	308107	53.170	ug/l	100
94) Hexachlorobutadiene	15.255	225	177848	48.884	ug/l	98
95) Naphthalene	15.390	128	584318	50.893	ug/l	100
96) 1,2,3-Trichlorobenzene	15.585	180	276426	54.200	ug/l	100

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

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