

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD030521\
 Data File : VD068550.D
 Acq On : 05 Mar 2021 18:17
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 3/8/2021 10:11:22 AM

Quant Time: Mar 05 23:14:08 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D022621S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 26 14:04:14 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.984	168	311889	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	539313	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.649	117	500044	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.572	152	242992	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.337	65	146803	47.11	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	94.22%		
35) Dibromofluoromethane	7.914	113	160817	49.50	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	99.00%		
50) Toluene-d8	10.343	98	588260	45.46	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	90.92%		
62) 4-Bromofluorobenzene	12.631	95	197978	47.47	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	94.94%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	125389	41.43	ug/l	97
3) Chloromethane	2.208	50	157454	41.16	ug/l	99
4) Vinyl Chloride	2.349	62	187539	41.29	ug/l	98
5) Bromomethane	2.767	94	155927	48.21	ug/l	100
6) Chloroethane	2.926	64	134283	45.72	ug/l	97
7) Trichlorofluoromethane	3.273	101	236881	45.72	ug/l	93
8) Diethyl Ether	3.714	74	73817	47.85	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.102	101	145669	46.15	ug/l	95
10) Methyl Iodide	4.302	142	179559	47.70	ug/l	95
11) Tert butyl alcohol	5.226	59	40179	241.49	ug/l	99
12) 1,1-Dichloroethene	4.073	96	141401	45.14	ug/l	98
13) Acrolein	3.932	56	55292	232.52	ug/l	97
14) Allyl chloride	4.714	41	172634	42.69	ug/l	92
15) Acrylonitrile	5.420	53	169426	260.22	ug/l	98
16) Acetone	4.161	43	93492	188.88	ug/l	91
17) Carbon Disulfide	4.414	76	440523	42.93	ug/l	99
18) Methyl Acetate	4.726	43	64516	50.57	ug/l	100
19) Methyl tert-butyl Ether	5.479	73	395903	58.30	ug/l	96
20) Methylene Chloride	4.973	84	189071	51.18	ug/l	95
21) trans-1,2-Dichloroethene	5.479	96	207410	55.46	ug/l	98
22) Diisopropyl ether	6.367	45	403932	45.36	ug/l	97
23) Vinyl Acetate	6.308	43	1043338	225.80	ug/l	97
24) 1,1-Dichloroethane	6.267	63	287457	47.09	ug/l	99
25) 2-Butanone	7.214	43	155624	218.72	ug/l #	85
26) 2,2-Dichloropropane	7.208	77	231536	45.53	ug/l	98
27) cis-1,2-Dichloroethene	7.214	96	205268	50.00	ug/l	97
28) Bromochloromethane	7.549	49	112328	47.14	ug/l	93
29) Tetrahydrofuran	7.561	42	101610	219.92	ug/l	96
30) Chloroform	7.714	83	324826	50.39	ug/l	94
31) Cyclohexane	7.984	56	208725	36.83	ug/l	97
32) 1,1,1-Trichloroethane	7.908	97	265763	48.30	ug/l	97
36) 1,1-Dichloropropene	8.114	75	221060	43.12	ug/l	100
37) Ethyl Acetate	7.290	43	73752	43.36	ug/l	97
38) Carbon Tetrachloride	8.096	117	230956	47.95	ug/l	94
39) Methylcyclohexane	9.355	83	265375	41.97	ug/l	96
40) Benzene	8.349	78	688836	46.84	ug/l	98

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41) Methacrylonitrile	7.537	41	47344m	47.95	ug/l	
42) 1,2-Dichloroethane	8.426	62	190492	49.26	ug/l	99
43) Isopropyl Acetate	8.455	43	143092	45.77	ug/l	96
44) Trichloroethene	9.114	130	200681	49.72	ug/l	99
45) 1,2-Dichloropropane	9.390	63	166027	47.23	ug/l	97
46) Dibromomethane	9.479	93	97869	51.18	ug/l	97
47) Bromodichloromethane	9.667	83	253419	51.23	ug/l	97
48) Methyl methacrylate	9.455	41	69861	41.93	ug/l #	79
49) 1,4-Dioxane	9.461	88	20611	945.02	ug/l	90
51) 4-Methyl-2-Pentanone	10.231	43	373798	228.51	ug/l	98
52) Toluene	10.402	92	457940	48.77	ug/l	95
53) t-1,3-Dichloropropene	10.620	75	224619	49.13	ug/l	100
54) cis-1,3-Dichloropropene	10.090	75	264839	47.47	ug/l	99
55) 1,1,2-Trichloroethane	10.802	97	136898	51.73	ug/l	97
56) Ethyl methacrylate	10.661	69	150110	49.34	ug/l	93
57) 1,3-Dichloropropane	10.949	76	224186	48.53	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.943	63	370792	242.95	ug/l	97
59) 2-Hexanone	10.984	43	250800	230.01	ug/l	97
60) Dibromochloromethane	11.143	129	178287	54.42	ug/l	99
61) 1,2-Dibromoethane	11.249	107	132873	51.30	ug/l	99
64) Tetrachloroethene	10.878	164	161744	49.53	ug/l	99
65) Chlorobenzene	11.673	112	506009	49.69	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.743	131	187812	53.06	ug/l	97
67) Ethyl Benzene	11.743	91	872279	47.99	ug/l	97
68) m/p-Xylenes	11.855	106	676507	97.99	ug/l	99
69) o-Xylene	12.178	106	316835	49.83	ug/l	92
70) Styrene	12.196	104	556974	51.22	ug/l	98
71) Bromoform	12.361	173	99758	55.47	ug/l #	97
73) Isopropylbenzene	12.478	105	827750	45.93	ug/l	100
74) N-amyl acetate	12.290	43	139110	45.31	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.731	83	144297	46.54	ug/l	99
76) 1,2,3-Trichloropropane	12.784	75	102712m	47.61	ug/l	
77) Bromobenzene	12.761	156	209168	50.86	ug/l	97
78) n-propylbenzene	12.820	91	970478	45.07	ug/l	99
79) 2-Chlorotoluene	12.908	91	552851	46.25	ug/l	100
80) 1,3,5-Trimethylbenzene	12.961	105	701553	47.49	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.525	75	42418	45.89	ug/l	93
82) 4-Chlorotoluene	13.002	91	588244	46.78	ug/l	99
83) tert-Butylbenzene	13.225	119	594655	47.28	ug/l	98
84) 1,2,4-Trimethylbenzene	13.267	105	708803	47.91	ug/l	97
85) sec-Butylbenzene	13.402	105	809118	45.54	ug/l	100
86) p-Isopropyltoluene	13.514	119	752621	46.67	ug/l	98
87) 1,3-Dichlorobenzene	13.514	146	385604	48.54	ug/l	98
88) 1,4-Dichlorobenzene	13.596	146	381642	48.50	ug/l	100
89) n-Butylbenzene	13.843	91	683635	43.95	ug/l	99
90) Hexachloroethane	14.108	117	153088	47.76	ug/l	96
91) 1,2-Dichlorobenzene	13.890	146	336541	49.40	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.508	75	23833	43.61	ug/l	95
93) 1,2,4-Trichlorobenzene	15.161	180	259928	49.39	ug/l	98
94) Hexachlorobutadiene	15.266	225	141313	48.38	ug/l	99
95) Naphthalene	15.402	128	469182	49.24	ug/l	99
96) 1,2,3-Trichlorobenzene	15.596	180	230671	50.63	ug/l	97

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

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