

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD071421\
 Data File : VD069686.D
 Acq On : 14 Jul 2021 12:52
 Operator : VA/SY
 Sample : VD0714SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0714SBS01

Manual Integrations
 APPROVED

MMDadoda
 7/15/2021 5:51:13 PM

Quant Time: Jul 14 16:29:55 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071321S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 14 06:00:31 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	618153	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	1115782	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	1039067	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	486524	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	397890	51.551	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 103.100%			
35) Dibromofluoromethane	7.908	113	392833	52.479	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 104.960%			
50) Toluene-d8	10.332	98	1580961	54.363	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 108.720%			
62) 4-Bromofluorobenzene	12.626	95	522839	53.907	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 107.820%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.985	85	92507	14.952	ug/l	92
3) Chloromethane	2.208	50	142640	16.154	ug/l	100
4) Vinyl Chloride	2.344	62	160070	17.023	ug/l	98
5) Bromomethane	2.755	94	106166	17.144	ug/l	97
6) Chloroethane	2.914	64	111964	18.610	ug/l	97
7) Trichlorofluoromethane	3.267	101	219727	18.530	ug/l	97
8) Diethyl Ether	3.708	74	61895	17.890	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.085	101	139526	18.974	ug/l	99
10) Methyl Iodide	4.297	142	103470	15.258	ug/l	99
11) Tert butyl alcohol	5.220	59	36608	35.499	ug/l	97
12) 1,1-Dichloroethene	4.067	96	121715	18.055	ug/l	98
13) Acrolein	3.926	56	51813	97.370	ug/l	94
14) Allyl chloride	4.714	41	183476	17.614	ug/l	99
15) Acrylonitrile	5.420	53	136436	86.967	ug/l	99
16) Acetone	4.155	43	145914	97.391	ug/l	95
17) Carbon Disulfide	4.408	76	351495	15.082	ug/l	99
18) Methyl Acetate	4.714	43	106415	25.337	ug/l	96
19) Methyl tert-butyl Ether	5.479	73	243006	17.028	ug/l	99
20) Methylene Chloride	4.961	84	240357	18.573	ug/l	97
21) trans-1,2-Dichloroethene	5.461	96	142394	17.688	ug/l	96
22) Diisopropyl ether	6.361	45	386009	17.881	ug/l	99
23) Vinyl Acetate	6.308	43	817472	78.610	ug/l	98
24) 1,1-Dichloroethane	6.267	63	284858	18.909	ug/l	99
25) 2-Butanone	7.208	43	177356	97.222	ug/l	95
26) 2,2-Dichloropropane	7.208	77	228254	18.991	ug/l	100
27) cis-1,2-Dichloroethene	7.208	96	162306	18.690	ug/l	100
28) Bromochloromethane	7.543	49	104752	18.018	ug/l	98
29) Tetrahydrofuran	7.561	42	93618	82.831	ug/l	98
30) Chloroform	7.708	83	271790	18.137	ug/l	92
31) Cyclohexane	7.979	56	208184	16.134	ug/l	94
32) 1,1,1-Trichloroethane	7.902	97	247223	19.457	ug/l	99
36) 1,1-Dichloropropene	8.108	75	205087	17.817	ug/l	98
37) Ethyl Acetate	7.291	43	81427	18.700	ug/l	97
38) Carbon Tetrachloride	8.096	117	199484	18.925	ug/l	99
39) Methylcyclohexane	9.355	83	198903	15.857	ug/l	99
40) Benzene	8.349	78	619805	18.668	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	46722	20.705	ug/l	90
42) 1,2-Dichloroethane	8.420	62	169316	18.788	ug/l	100
43) Isopropyl Acetate	8.449	43	147702	18.523	ug/l	100
44) Trichloroethene	9.114	130	148738	18.475	ug/l	97
45) 1,2-Dichloropropane	9.385	63	163854	18.777	ug/l	99
46) Dibromomethane	9.473	93	76367	17.931	ug/l	98
47) Bromodichloromethane	9.661	83	221691	19.640	ug/l	100
48) Methyl methacrylate	9.455	41	67275	16.998	ug/l #	88
49) 1,4-Dioxane	9.461	88	16115	346.102	ug/l #	89
51) 4-Methyl-2-Pentanone	10.226	43	398877	96.598	ug/l	100
52) Toluene	10.402	92	390652	19.562	ug/l	97
53) t-1,3-Dichloropropene	10.614	75	185325	19.531	ug/l	98
54) cis-1,3-Dichloropropene	10.085	75	224392	19.258	ug/l	96
55) 1,1,2-Trichloroethane	10.796	97	119904	20.126	ug/l	92
56) Ethyl methacrylate	10.655	69	121129	17.048	ug/l	99
57) 1,3-Dichloropropane	10.943	76	197520	18.779	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.937	63	296114	93.384	ug/l	98
59) 2-Hexanone	10.979	43	273295	99.298	ug/l	98
60) Dibromochloromethane	11.132	129	138320	19.901	ug/l	100
61) 1,2-Dibromoethane	11.243	107	104475	18.901	ug/l	98
64) Tetrachloroethene	10.873	164	124431	19.610	ug/l	94
65) Chlorobenzene	11.667	112	406780	19.597	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.737	131	150827	20.341	ug/l	98
67) Ethyl Benzene	11.737	91	704065	19.154	ug/l	99
68) m/p-Xylenes	11.849	106	538922	38.773	ug/l	98
69) o-Xylene	12.173	106	238098	18.812	ug/l	100
70) Styrene	12.190	104	428945	19.421	ug/l	100
71) Bromoform	12.355	173	72623	20.201	ug/l #	98
73) Isopropylbenzene	12.473	105	667309	19.263	ug/l	98
74) N-amyl acetate	12.278	43	142577	18.940	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.720	83	139318	20.190	ug/l	99
76) 1,2,3-Trichloropropane	12.773	75	92839m	19.642	ug/l	
77) Bromobenzene	12.749	156	149068	19.395	ug/l	98
78) n-propylbenzene	12.814	91	852218	19.401	ug/l	100
79) 2-Chlorotoluene	12.902	91	487594	18.882	ug/l	98
80) 1,3,5-Trimethylbenzene	12.949	105	571056	19.435	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.520	75	33047	18.791	ug/l	99
82) 4-Chlorotoluene	12.996	91	522175	19.269	ug/l	100
83) tert-Butylbenzene	13.214	119	456393	19.052	ug/l	99
84) 1,2,4-Trimethylbenzene	13.261	105	577142	19.797	ug/l	98
85) sec-Butylbenzene	13.390	105	713978	18.965	ug/l	99
86) p-Isopropyltoluene	13.508	119	601103	19.604	ug/l	100
87) 1,3-Dichlorobenzene	13.502	146	312561	19.582	ug/l	98
88) 1,4-Dichlorobenzene	13.584	146	310827	19.499	ug/l	99
89) n-Butylbenzene	13.831	91	582080	19.161	ug/l	100
90) Hexachloroethane	14.096	117	109645	17.572	ug/l	98
91) 1,2-Dichlorobenzene	13.878	146	271701	19.741	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.496	75	19670	19.139	ug/l	93
93) 1,2,4-Trichlorobenzene	15.149	180	150182	19.628	ug/l	98
94) Hexachlorobutadiene	15.255	225	90599	19.639	ug/l	99
95) Naphthalene	15.384	128	259895	18.347	ug/l	99
96) 1,2,3-Trichlorobenzene	15.578	180	127049	19.330	ug/l	99

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

