

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD071321\
 Data File : VD069672.D
 Acq On : 13 Jul 2021 16:09
 Operator : VA/SY
 Sample : VD0713SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0713SBS01

Manual Integrations
 APPROVED

MMDadoda
 7/15/2021 5:31:28 PM

Quant Time: Jul 14 06:06:54 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	669813	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	1208331	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	1119123	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	500146	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	411809	49.239	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	98.480%		
35) Dibromofluoromethane	7.914	113	398682	49.181	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	98.360%		
50) Toluene-d8	10.337	98	1636172	51.953	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	103.900%		
62) 4-Bromofluorobenzene	12.626	95	538898	51.307	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	102.620%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.985	85	90800	13.602	ug/l	96
3) Chloromethane	2.208	50	137018	14.287	ug/l	98
4) Vinyl Chloride	2.350	62	154206	15.135	ug/l	96
5) Bromomethane	2.750	94	110708	16.431	ug/l	97
6) Chloroethane	2.914	64	105392	16.166	ug/l	98
7) Trichlorofluoromethane	3.267	101	213244	16.596	ug/l	95
8) Diethyl Ether	3.708	74	57863	15.435	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.097	101	135630	17.022	ug/l	99
10) Methyl Iodide	4.297	142	93512	13.136	ug/l	100
11) Tert butyl alcohol	5.191	59	166779	149.252	ug/l #	79
12) 1,1-Dichloroethene	4.067	96	118999	16.291	ug/l	98
13) Acrolein	3.926	56	57222	99.241	ug/l	99
14) Allyl chloride	4.714	41	184912	16.383	ug/l	97
15) Acrylonitrile	5.420	53	128985	75.877	ug/l	95
16) Acetone	4.150	43	135094	84.641	ug/l	95
17) Carbon Disulfide	4.408	76	339752	13.501	ug/l	99
18) Methyl Acetate	4.714	43	103741	22.089	ug/l	94
19) Methyl tert-butyl Ether	5.473	73	237608	15.366	ug/l	98
20) Methylene Chloride	4.961	84	300996	22.398	ug/l	95
21) trans-1,2-Dichloroethene	5.467	96	139074	15.943	ug/l	93
22) Diisopropyl ether	6.361	45	376179	16.082	ug/l	98
23) Vinyl Acetate	6.308	43	830716	74.682	ug/l	100
24) 1,1-Dichloroethane	6.261	63	276820	16.958	ug/l	97
25) 2-Butanone	7.214	43	175640	88.856	ug/l	98
26) 2,2-Dichloropropane	7.208	77	225085	17.283	ug/l	98
27) cis-1,2-Dichloroethene	7.214	96	159346	16.934	ug/l	99
28) Bromochloromethane	7.549	49	106463	16.900	ug/l	99
29) Tetrahydrofuran	7.567	42	91908	75.046	ug/l	98
30) Chloroform	7.708	83	274289	16.892	ug/l	98
31) Cyclohexane	7.979	56	209392	15.005	ug/l	96
32) 1,1,1-Trichloroethane	7.902	97	232257	16.869	ug/l	99
36) 1,1-Dichloropropene	8.114	75	205292	16.469	ug/l	98
37) Ethyl Acetate	7.291	43	77074	16.345	ug/l	99
38) Carbon Tetrachloride	8.096	117	195600	17.135	ug/l	94
39) Methylcyclohexane	9.355	83	195389	14.566	ug/l	97
40) Benzene	8.349	78	603901	16.796	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.526	41	43238	17.693	ug/l	95
42) 1,2-Dichloroethane	8.420	62	161950	16.595	ug/l	99
43) Isopropyl Acetate	8.449	43	144276	16.708	ug/l	98
44) Trichloroethene	9.108	130	147006	16.861	ug/l	96
45) 1,2-Dichloropropane	9.385	63	153267	16.218	ug/l	100
46) Dibromomethane	9.473	93	76237	16.529	ug/l	99
47) Bromodichloromethane	9.661	83	203873	16.678	ug/l	97
48) Methyl methacrylate	9.455	41	63225	14.897	ug/l #	84
49) 1,4-Dioxane	9.455	88	14142	298.680	ug/l	95
51) 4-Methyl-2-Pentanone	10.226	43	381098	85.223	ug/l	100
52) Toluene	10.396	92	370379	17.126	ug/l	99
53) t-1,3-Dichloropropene	10.614	75	176996	17.224	ug/l	99
54) cis-1,3-Dichloropropene	10.085	75	209612	16.611	ug/l	98
55) 1,1,2-Trichloroethane	10.796	97	110907	17.190	ug/l	96
56) Ethyl methacrylate	10.655	69	116129	15.284	ug/l	98
57) 1,3-Dichloropropane	10.943	76	191116	16.778	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.937	63	282148	83.289	ug/l	100
59) 2-Hexanone	10.979	43	256638	86.104	ug/l	96
60) Dibromochloromethane	11.137	129	130838	17.383	ug/l	98
61) 1,2-Dibromoethane	11.243	107	100008	16.707	ug/l	99
64) Tetrachloroethene	10.873	164	119585	17.498	ug/l	98
65) Chlorobenzene	11.667	112	385208	17.230	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.737	131	141003	17.656	ug/l	99
67) Ethyl Benzene	11.737	91	689145	17.407	ug/l	99
68) m/p-Xylenes	11.849	106	527407	35.230	ug/l	100
69) o-Xylene	12.173	106	233200	17.107	ug/l	100
70) Styrene	12.190	104	411250	17.287	ug/l	99
71) Bromoform	12.355	173	68953	17.809	ug/l #	100
73) Isopropylbenzene	12.473	105	641128	18.003	ug/l	100
74) N-amyl acetate	12.284	43	133329	17.229	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.720	83	127213	17.934	ug/l	97
76) 1,2,3-Trichloropropane	12.773	75	86680m	17.840	ug/l	
77) Bromobenzene	12.755	156	138706	17.555	ug/l	98
78) n-propylbenzene	12.814	91	830636	18.395	ug/l	99
79) 2-Chlorotoluene	12.902	91	473592	17.840	ug/l	98
80) 1,3,5-Trimethylbenzene	12.955	105	546802	18.103	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.520	75	29999	16.593	ug/l	95
82) 4-Chlorotoluene	12.996	91	500055	17.951	ug/l	100
83) tert-Butylbenzene	13.214	119	440355	17.882	ug/l	99
84) 1,2,4-Trimethylbenzene	13.261	105	547554	18.271	ug/l	99
85) sec-Butylbenzene	13.390	105	686711	17.744	ug/l	100
86) p-Isopropyltoluene	13.508	119	567793	18.013	ug/l	100
87) 1,3-Dichlorobenzene	13.508	146	291018	17.736	ug/l	99
88) 1,4-Dichlorobenzene	13.584	146	289410	17.661	ug/l	99
89) n-Butylbenzene	13.831	91	572018	18.317	ug/l	99
90) Hexachloroethane	14.102	117	108816	16.964	ug/l	97
91) 1,2-Dichlorobenzene	13.878	146	253827	17.940	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.490	75	18474	17.485	ug/l	95
93) 1,2,4-Trichlorobenzene	15.149	180	140586	17.873	ug/l	99
94) Hexachlorobutadiene	15.255	225	81962	17.283	ug/l	97
95) Naphthalene	15.390	128	241170	16.776	ug/l	99
96) 1,2,3-Trichlorobenzene	15.578	180	119925	17.750	ug/l	99

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

