

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD071521\
 Data File : VD069704.D
 Acq On : 15 Jul 2021 12:59
 Operator : VA/SY
 Sample : VD0715SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0715SBS01

Manual Integrations
 APPROVED

MMDadoda
 7/16/2021 10:39:36 AM

Quant Time: Jul 15 15:51:49 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	636420	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	1116904	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	1028810	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	494282	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	364258	45.839	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	91.680%		
35) Dibromofluoromethane	7.914	113	368835	49.223	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	98.440%		
50) Toluene-d8	10.338	98	1476204	50.710	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	101.420%		
62) 4-Bromofluorobenzene	12.626	95	488276	50.293	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	100.580%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.985	85	95945	15.058	ug/l	98
3) Chloromethane	2.209	50	140649	15.459	ug/l	98
4) Vinyl Chloride	2.344	62	167183	17.269	ug/l	99
5) Bromomethane	2.750	94	109722	17.216	ug/l	97
6) Chloroethane	2.909	64	112024	18.085	ug/l	99
7) Trichlorofluoromethane	3.267	101	230804	18.905	ug/l	99
8) Diethyl Ether	3.709	74	63645	17.868	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.091	101	149118	19.696	ug/l	99
10) Methyl Iodide	4.297	142	118611	16.709	ug/l #	96
11) Tert butyl alcohol	5.226	59	38396	36.164	ug/l	98
12) 1,1-Dichloroethene	4.067	96	128696	18.542	ug/l	94
13) Acrolein	3.914	56	47569	86.829	ug/l	94
14) Allyl chloride	4.709	41	190338	17.749	ug/l	98
15) Acrylonitrile	5.420	53	145280	89.947	ug/l	99
16) Acetone	4.156	43	159988	103.142	ug/l	97
17) Carbon Disulfide	4.403	76	361013	15.047	ug/l	100
18) Methyl Acetate	4.714	43	114149	26.693	ug/l	96
19) Methyl tert-butyl Ether	5.479	73	254333	17.310	ug/l	100
20) Methylene Chloride	4.956	84	284154	22.214	ug/l	98
21) trans-1,2-Dichloroethene	5.467	96	149749	18.067	ug/l	99
22) Diisopropyl ether	6.361	45	391737	17.626	ug/l	98
23) Vinyl Acetate	6.308	43	860939	80.060	ug/l	98
24) 1,1-Dichloroethane	6.261	63	298656	19.256	ug/l	98
25) 2-Butanone	7.214	43	182738	97.297	ug/l #	88
26) 2,2-Dichloropropane	7.208	77	243945	19.714	ug/l	98
27) cis-1,2-Dichloroethene	7.208	96	167292	18.711	ug/l	99
28) Bromochloromethane	7.544	49	99972	16.702	ug/l	99
29) Tetrahydrofuran	7.561	42	100677	86.520	ug/l	99
30) Chloroform	7.708	83	308289	19.982	ug/l	100
31) Cyclohexane	7.979	56	224284	16.865	ug/l	95
32) 1,1,1-Trichloroethane	7.903	97	252796	19.324	ug/l	100
36) 1,1-Dichloropropene	8.108	75	220785	19.161	ug/l	99
37) Ethyl Acetate	7.285	43	82427	18.911	ug/l	97
38) Carbon Tetrachloride	8.097	117	217227	20.588	ug/l	97
39) Methylcyclohexane	9.355	83	214898	16.960	ug/l	95
40) Benzene	8.350	78	640582	19.275	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.526	41	49756	22.027	ug/l #	87
42) 1,2-Dichloroethane	8.420	62	175948	19.505	ug/l	99
43) Isopropyl Acetate	8.450	43	154811	19.396	ug/l	98
44) Trichloroethene	9.108	130	154562	19.179	ug/l	92
45) 1,2-Dichloropropane	9.385	63	172099	19.702	ug/l	93
46) Dibromomethane	9.473	93	82429	19.335	ug/l	96
47) Bromodichloromethane	9.661	83	226285	20.027	ug/l	97
48) Methyl methacrylate	9.449	41	71830	18.057	ug/l	90
49) 1,4-Dioxane	9.455	88	15646	338.547	ug/l	94
51) 4-Methyl-2-Pentanone	10.226	43	421732	102.030	ug/l	98
52) Toluene	10.402	92	408185	20.419	ug/l	98
53) t-1,3-Dichloropropene	10.614	75	195908	20.626	ug/l	98
54) cis-1,3-Dichloropropene	10.085	75	235851	20.221	ug/l	98
55) 1,1,2-Trichloroethane	10.796	97	122203	20.491	ug/l	98
56) Ethyl methacrylate	10.655	69	130230	18.188	ug/l	97
57) 1,3-Dichloropropane	10.944	76	209404	19.889	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.938	63	301270	94.761	ug/l	100
59) 2-Hexanone	10.979	43	292130	106.034	ug/l	98
60) Dibromochloromethane	11.138	129	144101	20.712	ug/l	100
61) 1,2-Dibromoethane	11.238	107	111429	20.139	ug/l	99
64) Tetrachloroethene	10.873	164	132528	21.095	ug/l	97
65) Chlorobenzene	11.667	112	425074	20.683	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.738	131	155016	21.115	ug/l	100
67) Ethyl Benzene	11.738	91	737025	20.251	ug/l	99
68) m/p-Xylenes	11.849	106	577757	41.981	ug/l	100
69) o-Xylene	12.173	106	253586	20.235	ug/l	100
70) Styrene	12.191	104	456284	20.864	ug/l	98
71) Bromoform	12.355	173	73085	20.533	ug/l #	97
73) Isopropylbenzene	12.473	105	712729	20.251	ug/l	99
74) N-amyl acetate	12.279	43	147071	19.230	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.720	83	141802	20.228	ug/l	99
76) 1,2,3-Trichloropropane	12.773	75	113800m	23.699	ug/l	
77) Bromobenzene	12.755	156	158117	20.250	ug/l	100
78) n-propylbenzene	12.814	91	916283	20.532	ug/l	100
79) 2-Chlorotoluene	12.902	91	516946	19.704	ug/l	100
80) 1,3,5-Trimethylbenzene	12.949	105	609513	20.418	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.520	75	36393	20.368	ug/l	97
82) 4-Chlorotoluene	12.996	91	559334	20.317	ug/l	98
83) tert-Butylbenzene	13.214	119	492435	20.234	ug/l	99
84) 1,2,4-Trimethylbenzene	13.261	105	605593	20.447	ug/l	99
85) sec-Butylbenzene	13.390	105	761252	19.903	ug/l	99
86) p-Isopropyltoluene	13.508	119	656282	21.067	ug/l	99
87) 1,3-Dichlorobenzene	13.508	146	327839	20.217	ug/l	99
88) 1,4-Dichlorobenzene	13.585	146	320041	19.762	ug/l	99
89) n-Butylbenzene	13.832	91	631506	20.461	ug/l	100
90) Hexachloroethane	14.096	117	119708	18.884	ug/l	98
91) 1,2-Dichlorobenzene	13.879	146	283769	20.295	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.490	75	20471	19.605	ug/l	99
93) 1,2,4-Trichlorobenzene	15.149	180	153531	19.751	ug/l	97
94) Hexachlorobutadiene	15.255	225	97856	20.879	ug/l	98
95) Naphthalene	15.384	128	266558	18.501	ug/l	100
96) 1,2,3-Trichlorobenzene	15.579	180	137689	20.620	ug/l	98

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

