

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080321\
 Data File : VD069958.D
 Acq On : 03 Aug 2021 11:25
 Operator : VA/SY
 Sample : VD0803SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0803SBS01

Manual Integrations
 APPROVED

MMDadoda
 8/4/2021 7:03:38 PM

Quant Time: Aug 04 01:31:01 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072221S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 23 04:51:13 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	590732	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	1054634	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	988447	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	461135	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	313731	46.178	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	92.360%		
35) Dibromofluoromethane	7.914	113	323607	48.674	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	97.340%		
50) Toluene-d8	10.338	98	1258738	49.101	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	98.200%		
62) 4-Bromofluorobenzene	12.626	95	423089	49.383	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	98.760%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.985	85	116936	18.807	ug/l	96
3) Chloromethane	2.209	50	167628	18.585	ug/l	100
4) Vinyl Chloride	2.350	62	180949	19.074	ug/l	98
5) Bromomethane	2.756	94	121012	20.494	ug/l	96
6) Chloroethane	2.915	64	118966	19.348	ug/l	100
7) Trichlorofluoromethane	3.273	101	222543	19.003	ug/l	98
8) Diethyl Ether	3.714	74	64344	19.533	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.091	101	145414	19.551	ug/l	98
10) Methyl Iodide	4.297	142	118934	18.537	ug/l	99
11) Tert butyl alcohol	5.220	59	32301	91.882	ug/l #	94
12) 1,1-Dichloroethene	4.062	96	129242	19.122	ug/l	96
13) Acrolein	3.914	56	40057	81.398	ug/l	99
14) Allyl chloride	4.714	41	191238	19.299	ug/l	99
15) Acrylonitrile	5.426	53	144840	93.468	ug/l	99
16) Acetone	4.150	43	114700	93.457	ug/l	95
17) Carbon Disulfide	4.409	76	449748	18.610	ug/l	99
18) Methyl Acetate	4.714	43	67262	18.888	ug/l	99
19) Methyl tert-butyl Ether	5.479	73	263274	18.800	ug/l	99
20) Methylene Chloride	4.961	84	198458	18.323	ug/l	99
21) trans-1,2-Dichloroethene	5.473	96	151539	19.027	ug/l	95
22) Diisopropyl ether	6.361	45	427714	19.863	ug/l	95
23) Vinyl Acetate	6.308	43	975474	95.998	ug/l	100
24) 1,1-Dichloroethane	6.261	63	284250	19.112	ug/l	99
25) 2-Butanone	7.214	43	155480	93.417	ug/l	97
26) 2,2-Dichloropropane	7.208	77	227510	20.117	ug/l	100
27) cis-1,2-Dichloroethene	7.208	96	162083	19.072	ug/l	99
28) Bromochloromethane	7.544	49	117427	20.795	ug/l	97
29) Tetrahydrofuran	7.561	42	102008	94.733	ug/l	99
30) Chloroform	7.708	83	283986	18.991	ug/l	96
31) Cyclohexane	7.985	56	253519	19.098	ug/l	95
32) 1,1,1-Trichloroethane	7.902	97	235297	19.010	ug/l	97
36) 1,1-Dichloropropene	8.114	75	216598	19.031	ug/l	100
37) Ethyl Acetate	7.291	43	79645	19.223	ug/l	100
38) Carbon Tetrachloride	8.091	117	199363	19.177	ug/l	97
39) Methylcyclohexane	9.355	83	248919	19.097	ug/l	99
40) Benzene	8.350	78	630502	19.122	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	38732	17.813	ug/l	97
42) 1,2-Dichloroethane	8.420	62	164151	18.825	ug/l	100
43) Isopropyl Acetate	8.450	43	139067	18.715	ug/l	98
44) Trichloroethene	9.114	130	154398	19.015	ug/l	97
45) 1,2-Dichloropropane	9.385	63	165613	19.122	ug/l	96
46) Dibromomethane	9.473	93	79912	18.771	ug/l	97
47) Bromodichloromethane	9.661	83	210538	19.035	ug/l	95
48) Methyl methacrylate	9.455	41	58821	16.797	ug/l	88
49) 1,4-Dioxane	9.455	88	16621	369.535	ug/l	95
51) 4-Methyl-2-Pentanone	10.226	43	371519	96.077	ug/l	97
52) Toluene	10.396	92	391075	19.552	ug/l	100
53) t-1,3-Dichloropropene	10.614	75	182791	19.688	ug/l	98
54) cis-1,3-Dichloropropene	10.085	75	227372	20.229	ug/l	98
55) 1,1,2-Trichloroethane	10.796	97	111442	18.533	ug/l	93
56) Ethyl methacrylate	10.661	69	120029	18.783	ug/l	98
57) 1,3-Dichloropropane	10.944	76	193335	19.001	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.938	63	284324	100.561	ug/l	99
59) 2-Hexanone	10.979	43	244826	95.718	ug/l	97
60) Dibromochloromethane	11.132	129	128326	18.844	ug/l	99
61) 1,2-Dibromoethane	11.243	107	101707	18.786	ug/l	98
64) Tetrachloroethene	10.873	164	119866	19.024	ug/l	97
65) Chlorobenzene	11.667	112	397897	19.430	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.738	131	144773	19.652	ug/l	98
67) Ethyl Benzene	11.738	91	696246	19.311	ug/l	99
68) m/p-Xylenes	11.849	106	546700	39.115	ug/l	98
69) o-Xylene	12.173	106	242709	19.101	ug/l	100
70) Styrene	12.191	104	430166	19.535	ug/l	99
71) Bromoform	12.349	173	66822	18.678	ug/l #	98
73) Isopropylbenzene	12.473	105	649421	19.600	ug/l	99
74) N-amyl acetate	12.285	43	132410	19.429	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.720	83	127869	19.325	ug/l	94
76) 1,2,3-Trichloropropane	12.773	75	66063m	13.478	ug/l	
77) Bromobenzene	12.749	156	143047	19.169	ug/l	99
78) n-propylbenzene	12.814	91	850149	19.977	ug/l	100
79) 2-Chlorotoluene	12.902	91	485320	19.634	ug/l	100
80) 1,3,5-Trimethylbenzene	12.949	105	562293	19.839	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.520	75	34121	21.119	ug/l	96
82) 4-Chlorotoluene	12.996	91	514035	19.891	ug/l	99
83) tert-Butylbenzene	13.214	119	446225	19.364	ug/l	100
84) 1,2,4-Trimethylbenzene	13.261	105	554858	19.844	ug/l	99
85) sec-Butylbenzene	13.390	105	721738	19.812	ug/l	100
86) p-Isopropyltoluene	13.508	119	583750	19.724	ug/l	99
87) 1,3-Dichlorobenzene	13.508	146	305706	19.512	ug/l	99
88) 1,4-Dichlorobenzene	13.585	146	308398	19.749	ug/l	99
89) n-Butylbenzene	13.832	91	568396	19.460	ug/l	99
90) Hexachloroethane	14.102	117	124110	19.796	ug/l	98
91) 1,2-Dichlorobenzene	13.879	146	259595	19.197	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.496	75	18195	19.096	ug/l	97
93) 1,2,4-Trichlorobenzene	15.149	180	140198	19.216	ug/l	100
94) Hexachlorobutadiene	15.255	225	86875	19.466	ug/l	99
95) Naphthalene	15.384	128	239932	19.326	ug/l	98
96) 1,2,3-Trichlorobenzene	15.579	180	125925	19.958	ug/l	96

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

