

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080321\
 Data File : VD069957.D
 Acq On : 03 Aug 2021 10:57
 Operator : VA/SY
 Sample : VD0803SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0803SBS01

Manual Integrations
 APPROVED

MMDadoda
 8/4/2021 7:03:40 PM

Quant Time: Aug 04 01:30:41 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	587056	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	1047134	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	976773	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	462909	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	325387	48.194	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	96.380%		
35) Dibromofluoromethane	7.914	113	326604	49.477	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	98.960%		
50) Toluene-d8	10.338	98	1281324	50.340	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	100.680%		
62) 4-Bromofluorobenzene	12.626	95	441001	51.842	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	103.680%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	130063	21.049	ug/l	100
3) Chloromethane	2.209	50	182787	20.393	ug/l	95
4) Vinyl Chloride	2.350	62	194590	20.640	ug/l	95
5) Bromomethane	2.756	94	131949	22.679	ug/l	98
6) Chloroethane	2.915	64	130237	21.313	ug/l	94
7) Trichlorofluoromethane	3.273	101	246298	21.163	ug/l	97
8) Diethyl Ether	3.709	74	69232	21.148	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.091	101	156714	21.202	ug/l	98
10) Methyl Iodide	4.297	142	128683	19.874	ug/l	99
11) Tert butyl alcohol	5.220	59	36274	103.829	ug/l	96
12) 1,1-Dichloroethene	4.062	96	141077	21.004	ug/l	94
13) Acrolein	3.920	56	41102	84.045	ug/l	97
14) Allyl chloride	4.709	41	212369	21.565	ug/l	97
15) Acrylonitrile	5.420	53	159566	103.616	ug/l	99
16) Acetone	4.156	43	126953	104.089	ug/l	96
17) Carbon Disulfide	4.409	76	488400	20.336	ug/l	99
18) Methyl Acetate	4.714	43	74899	21.165	ug/l	98
19) Methyl tert-butyl Ether	5.473	73	289268	20.786	ug/l	98
20) Methylene Chloride	4.962	84	206888	19.575	ug/l	97
21) trans-1,2-Dichloroethene	5.467	96	165488	20.909	ug/l	96
22) Diisopropyl ether	6.361	45	469577	21.944	ug/l	97
23) Vinyl Acetate	6.303	43	1082304	104.808	ug/l	99
24) 1,1-Dichloroethane	6.261	63	308262	20.856	ug/l	97
25) 2-Butanone	7.214	43	172245	104.138	ug/l	100
26) 2,2-Dichloropropane	7.203	77	249814	22.228	ug/l	100
27) cis-1,2-Dichloroethene	7.208	96	174727	20.689	ug/l	99
28) Bromochloromethane	7.544	49	114250	20.359	ug/l	98
29) Tetrahydrofuran	7.561	42	115094	107.555	ug/l	98
30) Chloroform	7.708	83	314576	21.169	ug/l	91
31) Cyclohexane	7.985	56	275838	20.909	ug/l	97
32) 1,1,1-Trichloroethane	7.903	97	258240	20.995	ug/l	98
36) 1,1-Dichloropropene	8.108	75	241183	21.343	ug/l	99
37) Ethyl Acetate	7.291	43	85419	20.764	ug/l	97
38) Carbon Tetrachloride	8.091	117	221823	21.490	ug/l	96
39) Methylcyclohexane	9.350	83	268428	20.741	ug/l	98
40) Benzene	8.350	78	687857	21.011	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	47246	21.884	ug/l	90
42) 1,2-Dichloroethane	8.420	62	181442	20.957	ug/l	99
43) Isopropyl Acetate	8.450	43	153749	20.838	ug/l	99
44) Trichloroethene	9.108	130	164834	20.445	ug/l	96
45) 1,2-Dichloropropane	9.385	63	182093	21.175	ug/l	99
46) Dibromomethane	9.473	93	88084	20.839	ug/l	96
47) Bromodichloromethane	9.655	83	226278	20.604	ug/l	97
48) Methyl methacrylate	9.450	41	69324	19.424	ug/l	94
49) 1,4-Dioxane	9.455	88	18197	407.472	ug/l	97
51) 4-Methyl-2-Pentanone	10.226	43	404179	105.272	ug/l	99
52) Toluene	10.397	92	425076	21.404	ug/l	99
53) t-1,3-Dichloropropene	10.614	75	207807	22.543	ug/l	97
54) cis-1,3-Dichloropropene	10.085	75	246772	22.112	ug/l	99
55) 1,1,2-Trichloroethane	10.797	97	121920	20.421	ug/l	96
56) Ethyl methacrylate	10.655	69	132692	20.471	ug/l	96
57) 1,3-Dichloropropane	10.944	76	213693	21.152	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.938	63	278864	99.591	ug/l	100
59) 2-Hexanone	10.979	43	271213	106.794	ug/l	100
60) Dibromochloromethane	11.138	129	138451	20.476	ug/l	99
61) 1,2-Dibromoethane	11.238	107	112461	20.922	ug/l	100
64) Tetrachloroethene	10.873	164	132425	21.268	ug/l	99
65) Chlorobenzene	11.661	112	437195	21.604	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.738	131	156519	21.500	ug/l	98
67) Ethyl Benzene	11.738	91	758921	21.301	ug/l	99
68) m/p-Xylenes	11.844	106	609019	44.095	ug/l	100
69) o-Xylene	12.173	106	265216	21.122	ug/l	97
70) Styrene	12.185	104	482144	22.157	ug/l	99
71) Bromoform	12.355	173	75763	21.430	ug/l #	98
73) Isopropylbenzene	12.473	105	711183	21.382	ug/l	99
74) N-amyl acetate	12.279	43	143025	20.906	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.720	83	139766	21.042	ug/l	100
76) 1,2,3-Trichloropropane	12.773	75	94659m	19.238	ug/l	
77) Bromobenzene	12.749	156	158074	21.101	ug/l	99
78) n-propylbenzene	12.814	91	939812	22.000	ug/l	99
79) 2-Chlorotoluene	12.902	91	536377	21.616	ug/l	100
80) 1,3,5-Trimethylbenzene	12.949	105	624850	21.961	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.520	75	39322	24.245	ug/l	98
82) 4-Chlorotoluene	12.996	91	569644	21.959	ug/l	100
83) tert-Butylbenzene	13.214	119	488184	21.104	ug/l	99
84) 1,2,4-Trimethylbenzene	13.261	105	607433	21.641	ug/l	100
85) sec-Butylbenzene	13.390	105	799659	21.867	ug/l	100
86) p-Isopropyltoluene	13.508	119	639578	21.527	ug/l	100
87) 1,3-Dichlorobenzene	13.508	146	336672	21.406	ug/l	99
88) 1,4-Dichlorobenzene	13.585	146	331899	21.173	ug/l	100
89) n-Butylbenzene	13.832	91	621098	21.183	ug/l	100
90) Hexachloroethane	14.102	117	131985	20.972	ug/l	100
91) 1,2-Dichlorobenzene	13.879	146	289488	21.326	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.496	75	20763	21.708	ug/l	95
93) 1,2,4-Trichlorobenzene	15.149	180	156439	21.360	ug/l	100
94) Hexachlorobutadiene	15.255	225	92939	20.745	ug/l	99
95) Naphthalene	15.385	128	259860	20.456	ug/l	99
96) 1,2,3-Trichlorobenzene	15.579	180	134384	21.217	ug/l	99

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

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