

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072921\
 Data File : VD069904.D
 Acq On : 29 Jul 2021 11:44
 Operator : VA/SY
 Sample : VD0729SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0729SBS01

Manual Integrations
 APPROVED

MMDadoda
 7/30/2021 6:19:54 PM

Quant Time: Jul 30 00:53:02 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	572252	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	1026419	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	981375	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	473912	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	360632	54.796	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 109.600%			
35) Dibromofluoromethane	7.908	113	357689	55.280	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 110.560%			
50) Toluene-d8	10.332	98	1396188	55.959	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 111.920%			
62) 4-Bromofluorobenzene	12.626	95	479103	57.458	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 114.920%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.985	85	130832	21.721	ug/l	95
3) Chloromethane	2.209	50	180385	20.645	ug/l	99
4) Vinyl Chloride	2.344	62	194541	21.169	ug/l	100
5) Bromomethane	2.744	94	128201	22.598	ug/l	91
6) Chloroethane	2.909	64	129600	21.758	ug/l	92
7) Trichlorofluoromethane	3.262	101	242165	21.346	ug/l	100
8) Diethyl Ether	3.703	74	69355	21.734	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.091	101	157829	21.905	ug/l	98
10) Methyl Iodide	4.291	142	112349	18.162	ug/l	99
11) Tert butyl alcohol	5.214	59	36931	108.445	ug/l #	87
12) 1,1-Dichloroethene	4.062	96	137027	20.929	ug/l	94
13) Acrolein	3.914	56	44055	92.413	ug/l	97
14) Allyl chloride	4.709	41	200202	20.856	ug/l	99
15) Acrylonitrile	5.420	53	165679	110.369	ug/l	98
16) Acetone	4.156	43	136023	114.410	ug/l	96
17) Carbon Disulfide	4.403	76	484937	20.715	ug/l	100
18) Methyl Acetate	4.714	43	75795	21.972	ug/l	97
19) Methyl tert-butyl Ether	5.473	73	294514	21.710	ug/l	100
20) Methylene Chloride	4.962	84	218394	21.798	ug/l	98
21) trans-1,2-Dichloroethene	5.467	96	161124	20.884	ug/l	95
22) Diisopropyl ether	6.356	45	460040	22.054	ug/l	96
23) Vinyl Acetate	6.303	43	1053868	104.717	ug/l	98
24) 1,1-Dichloroethane	6.261	63	298509	20.719	ug/l	99
25) 2-Butanone	7.214	43	177714	110.224	ug/l	98
26) 2,2-Dichloropropane	7.203	77	231255	21.109	ug/l	99
27) cis-1,2-Dichloroethene	7.208	96	172066	20.901	ug/l	99
28) Bromochloromethane	7.538	49	122811	22.451	ug/l	98
29) Tetrahydrofuran	7.561	42	115550	110.775	ug/l	98
30) Chloroform	7.708	83	305329	21.078	ug/l	95
31) Cyclohexane	7.979	56	271516	21.114	ug/l	98
32) 1,1,1-Trichloroethane	7.897	97	256665	21.406	ug/l	98
36) 1,1-Dichloropropene	8.108	75	233273	21.060	ug/l	99
37) Ethyl Acetate	7.291	43	85775	21.271	ug/l	96
38) Carbon Tetrachloride	8.091	117	212883	21.040	ug/l	95
39) Methylcyclohexane	9.355	83	262973	20.729	ug/l	96
40) Benzene	8.344	78	672376	20.953	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	43954m	20.770	ug/l	
42) 1,2-Dichloroethane	8.420	62	177579	20.924	ug/l	98
43) Isopropyl Acetate	8.450	43	157042	21.714	ug/l	98
44) Trichloroethene	9.108	130	161716	20.463	ug/l	100
45) 1,2-Dichloropropane	9.385	63	174445	20.695	ug/l	97
46) Dibromomethane	9.473	93	88465	21.351	ug/l	98
47) Bromodichloromethane	9.655	83	223020	20.717	ug/l	100
48) Methyl methacrylate	9.450	41	78234	21.947	ug/l	97
49) 1,4-Dioxane	9.455	88	19670	449.345	ug/l	96
51) 4-Methyl-2-Pentanone	10.226	43	422753	112.332	ug/l	99
52) Toluene	10.397	92	418338	21.490	ug/l	99
53) t-1,3-Dichloropropene	10.614	75	194373	21.511	ug/l	98
54) cis-1,3-Dichloropropene	10.085	75	229435	20.973	ug/l	98
55) 1,1,2-Trichloroethane	10.796	97	124602	21.291	ug/l	98
56) Ethyl methacrylate	10.655	69	135341	21.143	ug/l	98
57) 1,3-Dichloropropane	10.938	76	212227	21.431	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.938	63	301639	107.738	ug/l	100
59) 2-Hexanone	10.979	43	279250	112.178	ug/l	99
60) Dibromochloromethane	11.132	129	141911	21.411	ug/l	99
61) 1,2-Dibromoethane	11.238	107	116269	22.066	ug/l	99
64) Tetrachloroethene	10.867	164	131958	21.094	ug/l	98
65) Chlorobenzene	11.661	112	428751	21.087	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.738	131	154854	21.172	ug/l	98
67) Ethyl Benzene	11.738	91	749728	20.945	ug/l	97
68) m/p-Xylenes	11.849	106	602578	43.424	ug/l	98
69) o-Xylene	12.173	106	261743	20.748	ug/l	100
70) Styrene	12.185	104	481410	22.020	ug/l	98
71) Bromoform	12.349	173	79694	22.436	ug/l	96
73) Isopropylbenzene	12.473	105	698992	20.528	ug/l	99
74) N-amyl acetate	12.279	43	148833	21.250	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.720	83	145542	21.403	ug/l	99
76) 1,2,3-Trichloropropane	12.773	75	100582m	19.967	ug/l	
77) Bromobenzene	12.749	156	155611	20.290	ug/l	97
78) n-propylbenzene	12.814	91	923203	21.109	ug/l	99
79) 2-Chlorotoluene	12.902	91	526912	20.742	ug/l	99
80) 1,3,5-Trimethylbenzene	12.949	105	607634	20.860	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.520	75	34725	20.913	ug/l	98
82) 4-Chlorotoluene	12.996	91	557970	21.009	ug/l	99
83) tert-Butylbenzene	13.214	119	480330	20.282	ug/l	99
84) 1,2,4-Trimethylbenzene	13.261	105	608509	21.176	ug/l	98
85) sec-Butylbenzene	13.390	105	788010	21.048	ug/l	99
86) p-Isopropyltoluene	13.508	119	631754	20.770	ug/l	99
87) 1,3-Dichlorobenzene	13.508	146	338429	21.019	ug/l	99
88) 1,4-Dichlorobenzene	13.585	146	336116	20.944	ug/l	100
89) n-Butylbenzene	13.832	91	612911	20.418	ug/l	99
90) Hexachloroethane	14.102	117	130706	20.286	ug/l	97
91) 1,2-Dichlorobenzene	13.879	146	295472	21.261	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.490	75	20946	21.391	ug/l	96
93) 1,2,4-Trichlorobenzene	15.149	180	157838	21.051	ug/l	99
94) Hexachlorobutadiene	15.255	225	94371	20.575	ug/l	97
95) Naphthalene	15.390	128	271454	20.771	ug/l	99
96) 1,2,3-Trichlorobenzene	15.579	180	134391	20.726	ug/l	96

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

