

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072021\
 Data File : VD069762.D
 Acq On : 20 Jul 2021 11:24
 Operator : VA/SY
 Sample : VD0720SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0720SBS01

Manual Integrations
 APPROVED

MMDadoda
 7/21/2021 5:52:13 PM

Quant Time: Jul 21 03:23:15 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	558596	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	1009113	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	942635	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	443913	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	353587	50.695	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	101.380%
35) Dibromofluoromethane	7.914	113	351757	51.959	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.920%
50) Toluene-d8	10.338	98	1387053	52.737	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	105.480%
62) 4-Bromofluorobenzene	12.626	95	468189	53.375	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	106.740%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.985	85	84589	15.123	ug/l	97
3) Chloromethane	2.209	50	133946	16.798	ug/l	95
4) Vinyl Chloride	2.344	62	156281	18.392	ug/l	98
5) Bromomethane	2.750	94	109550	19.829	ug/l	97
6) Chloroethane	2.909	64	110614	20.346	ug/l	97
7) Trichlorofluoromethane	3.267	101	215496	20.111	ug/l	99
8) Diethyl Ether	3.709	74	64154	20.521	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.091	101	138598	20.857	ug/l	98
10) Methyl Iodide	4.303	142	102877	16.541	ug/l	99
11) Tert butyl alcohol	5.220	59	39987	42.910	ug/l	99
12) 1,1-Dichloroethene	4.062	96	119569	19.628	ug/l	96
13) Acrolein	3.926	56	41972	87.286	ug/l	96
14) Allyl chloride	4.709	41	184218	19.571	ug/l	99
15) Acrylonitrile	5.420	53	144363	101.831	ug/l	96
16) Acetone	4.156	43	131236	96.977	ug/l	98
17) Carbon Disulfide	4.403	76	326407	15.487	ug/l	96
18) Methyl Acetate	4.714	43	119977	33.355	ug/l	99
19) Methyl tert-butyl Ether	5.479	73	253386	19.648	ug/l	98
20) Methylene Chloride	4.962	84	240278	21.177	ug/l	96
21) trans-1,2-Dichloroethene	5.467	96	142644	19.608	ug/l	98
22) Diisopropyl ether	6.361	45	398652	20.436	ug/l	98
23) Vinyl Acetate	6.308	43	837979	87.101	ug/l	96
24) 1,1-Dichloroethane	6.261	63	297000	21.817	ug/l	100
25) 2-Butanone	7.214	43	186379	113.061	ug/l	93
26) 2,2-Dichloropropane	7.208	77	223798	20.606	ug/l	98
27) cis-1,2-Dichloroethene	7.208	96	166195	21.178	ug/l	98
28) Bromochloromethane	7.544	49	99764	18.990	ug/l	96
29) Tetrahydrofuran	7.561	42	103820	101.651	ug/l	99
30) Chloroform	7.708	83	301429	22.260	ug/l	97
31) Cyclohexane	7.979	56	196741	16.855	ug/l #	91
32) 1,1,1-Trichloroethane	7.903	97	242319	21.104	ug/l	99
36) 1,1-Dichloropropene	8.108	75	206797	19.864	ug/l	99
37) Ethyl Acetate	7.291	43	82229	20.881	ug/l	98
38) Carbon Tetrachloride	8.091	117	194871	20.442	ug/l	95
39) Methylcyclohexane	9.355	83	189418	16.593	ug/l	99
40) Benzene	8.350	78	633322	21.092	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	49562	24.285	ug/l	95
42) 1,2-Dichloroethane	8.420	62	175521	21.536	ug/l	100
43) Isopropyl Acetate	8.450	43	155494	21.562	ug/l	99
44) Trichloroethene	9.108	130	155147	21.308	ug/l	96
45) 1,2-Dichloropropane	9.385	63	174654	22.130	ug/l	99
46) Dibromomethane	9.473	93	83436	21.661	ug/l	98
47) Bromodichloromethane	9.655	83	232608	22.786	ug/l	99
48) Methyl methacrylate	9.455	41	70143	19.427	ug/l	92
49) 1,4-Dioxane	9.455	88	17387	394.884	ug/l	97
51) 4-Methyl-2-Pentanone	10.226	43	422252	113.068	ug/l	98
52) Toluene	10.397	92	401166	22.212	ug/l	99
53) t-1,3-Dichloropropene	10.614	75	192886	22.477	ug/l	97
54) cis-1,3-Dichloropropene	10.085	75	234611	22.263	ug/l	98
55) 1,1,2-Trichloroethane	10.796	97	124128	23.037	ug/l	94
56) Ethyl methacrylate	10.655	69	130746	20.025	ug/l	98
57) 1,3-Dichloropropane	10.938	76	213979	22.494	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.938	63	310395	106.746	ug/l	99
59) 2-Hexanone	10.979	43	279977	112.478	ug/l	98
60) Dibromochloromethane	11.132	129	141614	22.529	ug/l	99
61) 1,2-Dibromoethane	11.244	107	112132	22.430	ug/l	100
64) Tetrachloroethene	10.873	164	127000	22.063	ug/l	97
65) Chlorobenzene	11.667	112	419022	22.252	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.738	131	153063	22.755	ug/l	98
67) Ethyl Benzene	11.738	91	729312	21.871	ug/l	96
68) m/p-Xylenes	11.849	106	561349	44.518	ug/l	99
69) o-Xylene	12.173	106	252917	22.027	ug/l	98
70) Styrene	12.185	104	454295	22.672	ug/l	99
71) Bromoform	12.355	173	75724	23.219	ug/l #	99
73) Isopropylbenzene	12.473	105	679197	21.488	ug/l	100
74) N-amyl acetate	12.279	43	150208	21.869	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.726	83	144830	23.004	ug/l	99
76) 1,2,3-Trichloropropane	12.773	75	99798m	23.142	ug/l	
77) Bromobenzene	12.755	156	155730	22.207	ug/l	98
78) n-propylbenzene	12.814	91	880465	21.968	ug/l	100
79) 2-Chlorotoluene	12.902	91	506444	21.494	ug/l	100
80) 1,3,5-Trimethylbenzene	12.949	105	592193	22.089	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.520	75	36665	22.849	ug/l	97
82) 4-Chlorotoluene	12.996	91	545312	22.055	ug/l	99
83) tert-Butylbenzene	13.214	119	473424	21.660	ug/l	99
84) 1,2,4-Trimethylbenzene	13.261	105	591936	22.254	ug/l	99
85) sec-Butylbenzene	13.390	105	739574	21.531	ug/l	99
86) p-Isopropyltoluene	13.508	119	616103	22.022	ug/l	99
87) 1,3-Dichlorobenzene	13.508	146	323321	22.200	ug/l	98
88) 1,4-Dichlorobenzene	13.585	146	320401	22.029	ug/l	98
89) n-Butylbenzene	13.832	91	597012	21.539	ug/l	99
90) Hexachloroethane	14.102	117	119690	21.023	ug/l	100
91) 1,2-Dichlorobenzene	13.879	146	279733	22.276	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.496	75	21267	22.679	ug/l	99
93) 1,2,4-Trichlorobenzene	15.149	180	159230	22.808	ug/l	98
94) Hexachlorobutadiene	15.255	225	91642	21.772	ug/l	99
95) Naphthalene	15.384	128	272027	20.722	ug/l	100
96) 1,2,3-Trichlorobenzene	15.579	180	139784	23.310	ug/l	97

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

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