

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092321\
 Data File : VD070442.D
 Acq On : 23 Sep 2021 15:26
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Sep 24 06:44:34 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D090821S.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 09 03:07:09 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	401516	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	690877	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	661197	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	306743	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	226333	43.901	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	87.800%
35) Dibromofluoromethane	7.908	113	233427	47.466	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.940%
50) Toluene-d8	10.332	98	901342	50.481	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	100.960%
62) 4-Bromofluorobenzene	12.620	95	316292	50.687	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	101.380%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	202907	50.606	ug/l	94
3) Chloromethane	2.209	50	261375	47.956	ug/l	100
4) Vinyl Chloride	2.350	62	306355	48.494	ug/l	99
5) Bromomethane	2.762	94	181029	46.865	ug/l	100
6) Chloroethane	2.915	64	194655	50.968	ug/l	97
7) Trichlorofluoromethane	3.268	101	425683	50.945	ug/l	99
8) Diethyl Ether	3.709	74	118046	51.105	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.091	101	261973	50.474	ug/l	99
10) Methyl Iodide	4.291	142	248263	49.966	ug/l	99
11) Tert butyl alcohol	5.203	59	105849	181.581	ug/l #	100
12) 1,1-Dichloroethene	4.062	96	236630	50.621	ug/l	98
13) Acrolein	3.915	56	50419	196.725	ug/l	99
14) Allyl chloride	4.709	41	340741	49.605	ug/l	98
15) Acrylonitrile	5.414	53	275878	250.671	ug/l	98
16) Acetone	4.150	43	218103	236.953	ug/l	97
17) Carbon Disulfide	4.403	76	779533	45.199	ug/l	99
18) Methyl Acetate	4.709	43	125920	49.842	ug/l	100
19) Methyl tert-butyl Ether	5.473	73	538923	53.349	ug/l	99
20) Methylene Chloride	4.950	84	320832	56.948	ug/l	99
21) trans-1,2-Dichloroethene	5.467	96	282549	50.777	ug/l	99
22) Diisopropyl ether	6.356	45	761044	51.764	ug/l	98
23) Vinyl Acetate	6.297	43	1807365	265.358	ug/l	97
24) 1,1-Dichloroethane	6.256	63	508682	48.899	ug/l	99
25) 2-Butanone	7.208	43	303763	247.917	ug/l	94
26) 2,2-Dichloropropane	7.197	77	437619	52.045	ug/l	99
27) cis-1,2-Dichloroethene	7.203	96	312504	52.281	ug/l	99
28) Bromochloromethane	7.538	49	185398	44.918	ug/l	98
29) Tetrahydrofuran	7.556	42	195442	248.483	ug/l	98
30) Chloroform	7.703	83	520554	48.811	ug/l	98
31) Cyclohexane	7.979	56	445838	50.202	ug/l	97
32) 1,1,1-Trichloroethane	7.897	97	452835	50.447	ug/l	99
36) 1,1-Dichloropropene	8.108	75	401163	54.324	ug/l	98
37) Ethyl Acetate	7.285	43	141491	51.240	ug/l	99
38) Carbon Tetrachloride	8.091	117	397753	54.461	ug/l	99
39) Methylcyclohexane	9.350	83	469825	56.951	ug/l	99
40) Benzene	8.344	78	1154972	53.371	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	60716	41.791	ug/l #	81
42) 1,2-Dichloroethane	8.414	62	292118	50.399	ug/l	99
43) Isopropyl Acetate	8.444	43	255413	50.025	ug/l	99
44) Trichloroethene	9.103	130	278468	53.842	ug/l	91
45) 1,2-Dichloropropane	9.379	63	295512	52.048	ug/l	95
46) Dibromomethane	9.467	93	148405	50.759	ug/l	99
47) Bromodichloromethane	9.655	83	387121	51.901	ug/l	99
48) Methyl methacrylate	9.450	41	123954	52.581	ug/l	98
49) 1,4-Dioxane	9.455	88	32106	1096.381	ug/l	94
51) 4-Methyl-2-Pentanone	10.220	43	700567	265.163	ug/l	99
52) Toluene	10.397	92	734150	56.146	ug/l	99
53) t-1,3-Dichloropropene	10.614	75	356319	55.535	ug/l	96
54) cis-1,3-Dichloropropene	10.079	75	427046	54.690	ug/l	99
55) 1,1,2-Trichloroethane	10.791	97	211978	52.704	ug/l	98
56) Ethyl methacrylate	10.655	69	248472	56.590	ug/l	96
57) 1,3-Dichloropropane	10.938	76	363003	53.013	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.932	63	550194	259.988	ug/l	100
59) 2-Hexanone	10.973	43	476424	270.273	ug/l	99
60) Dibromochloromethane	11.132	129	248003	52.983	ug/l	99
61) 1,2-Dibromoethane	11.238	107	191370	51.736	ug/l	99
64) Tetrachloroethene	10.867	164	225476	56.010	ug/l	97
65) Chlorobenzene	11.661	112	743061	54.248	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.732	131	274525	54.722	ug/l	97
67) Ethyl Benzene	11.738	91	1370854	58.030	ug/l	99
68) m/p-Xylenes	11.844	106	1073176	117.626	ug/l	100
69) o-Xylene	12.173	106	482576	59.041	ug/l	98
70) Styrene	12.185	104	856503	59.985	ug/l	99
71) Bromoform	12.349	173	131658	53.099	ug/l #	95
73) Isopropylbenzene	12.473	105	1287770	59.864	ug/l	100
74) N-amyl acetate	12.279	43	248946	53.114	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.720	83	232277	50.415	ug/l	99
76) 1,2,3-Trichloropropane	12.773	75	180375m	58.134	ug/l	
77) Bromobenzene	12.749	156	265141	53.424	ug/l	97
78) n-propylbenzene	12.808	91	1645802	58.947	ug/l	100
79) 2-Chlorotoluene	12.896	91	936479	57.544	ug/l	98
80) 1,3,5-Trimethylbenzene	12.949	105	1113077	59.954	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.520	75	69607	56.210	ug/l	97
82) 4-Chlorotoluene	12.996	91	968682	56.422	ug/l	100
83) tert-Butylbenzene	13.214	119	909194	61.062	ug/l	99
84) 1,2,4-Trimethylbenzene	13.255	105	1105837	60.487	ug/l	100
85) sec-Butylbenzene	13.391	105	1430430	60.437	ug/l	99
86) p-Isopropyltoluene	13.502	119	1164530	61.238	ug/l	100
87) 1,3-Dichlorobenzene	13.502	146	568540	55.023	ug/l	99
88) 1,4-Dichlorobenzene	13.585	146	553174	53.337	ug/l	99
89) n-Butylbenzene	13.832	91	1125612	59.368	ug/l	99
90) Hexachloroethane	14.096	117	221563	50.897	ug/l	98
91) 1,2-Dichlorobenzene	13.879	146	486575	53.372	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.490	75	34420	49.883	ug/l	95
93) 1,2,4-Trichlorobenzene	15.143	180	272215	55.293	ug/l	99
94) Hexachlorobutadiene	15.249	225	169555	56.149	ug/l	98
95) Naphthalene	15.385	128	511129	57.127	ug/l	99
96) 1,2,3-Trichlorobenzene	15.579	180	243834	56.135	ug/l	97

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

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