

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081621\
 Data File : VD070061.D
 Acq On : 16 Aug 2021 11:27
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 8/18/2021 6:57:13 PM

Quant Time: Aug 17 03:54:37 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081321S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 14 02:33:51 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	583406	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	1027060	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	949014	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	441520	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	352020	51.302	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 102.600%			
35) Dibromofluoromethane	7.909	113	356232	53.686	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 107.380%			
50) Toluene-d8	10.332	98	1443962	55.949	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 111.900%			
62) 4-Bromofluorobenzene	12.626	95	468326	55.093	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 110.180%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.985	85	253543	44.617	ug/l	98
3) Chloromethane	2.209	50	358276	43.739	ug/l	98
4) Vinyl Chloride	2.344	62	404922	41.011	ug/l	100
5) Bromomethane	2.762	94	255734	46.949	ug/l	95
6) Chloroethane	2.921	64	258473	40.977	ug/l	97
7) Trichlorofluoromethane	3.268	101	498060	41.999	ug/l	94
8) Diethyl Ether	3.709	74	147542	43.474	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.091	101	316629	41.969	ug/l	98
10) Methyl Iodide	4.297	142	310640	45.033	ug/l	100
11) Tert butyl alcohol	5.226	59	78401	206.716	ug/l	98
12) 1,1-Dichloroethene	4.068	96	303883	43.843	ug/l	97
13) Acrolein	3.920	56	111288	254.740	ug/l	98
14) Allyl chloride	4.715	41	464484	44.912	ug/l	99
15) Acrylonitrile	5.415	53	344329	218.807	ug/l	99
16) Acetone	4.156	43	328014	259.494	ug/l	96
17) Carbon Disulfide	4.403	76	1057072	42.183	ug/l	100
18) Methyl Acetate	4.720	43	162989	43.248	ug/l	99
19) Methyl tert-butyl Ether	5.473	73	652962	45.392	ug/l	100
20) Methylene Chloride	4.962	84	394565	44.982	ug/l	97
21) trans-1,2-Dichloroethene	5.467	96	351133	43.613	ug/l	97
22) Diisopropyl ether	6.362	45	998474	45.905	ug/l	98
23) Vinyl Acetate	6.303	43	2336120	236.990	ug/l	99
24) 1,1-Dichloroethane	6.262	63	634272	42.621	ug/l	98
25) 2-Butanone	7.209	43	401264	232.315	ug/l	99
26) 2,2-Dichloropropane	7.203	77	519765	44.857	ug/l	100
27) cis-1,2-Dichloroethene	7.209	96	377868	44.195	ug/l	98
28) Bromochloromethane	7.544	49	248768	45.937	ug/l	100
29) Tetrahydrofuran	7.561	42	258885	228.897	ug/l	99
30) Chloroform	7.709	83	617549	42.196	ug/l	97
31) Cyclohexane	7.985	56	594130	43.745	ug/l	100
32) 1,1,1-Trichloroethane	7.903	97	531646	43.470	ug/l	99
36) 1,1-Dichloropropene	8.108	75	507196	45.904	ug/l	99
37) Ethyl Acetate	7.285	43	184616	46.001	ug/l	98
38) Carbon Tetrachloride	8.091	117	451279	44.989	ug/l	97
39) Methylcyclohexane	9.350	83	616183	47.899	ug/l	99
40) Benzene	8.350	78	1426645	44.517	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	97511	44.941	ug/l	94
42) 1,2-Dichloroethane	8.420	62	359166	43.730	ug/l	99
43) Isopropyl Acetate	8.450	43	338627	45.196	ug/l	99
44) Trichloroethene	9.108	130	342960	44.300	ug/l	98
45) 1,2-Dichloropropane	9.385	63	369437	44.380	ug/l	94
46) Dibromomethane	9.473	93	178035	44.033	ug/l	99
47) Bromodichloromethane	9.655	83	462406	44.204	ug/l	98
48) Methyl methacrylate	9.455	41	170604	47.749	ug/l	98
49) 1,4-Dioxane	9.455	88	41772	949.341	ug/l	100
51) 4-Methyl-2-Pentanone	10.226	43	909907	233.558	ug/l	100
52) Toluene	10.397	92	888324	45.540	ug/l	99
53) t-1,3-Dichloropropene	10.614	75	425341	45.905	ug/l	99
54) cis-1,3-Dichloropropene	10.085	75	507650	45.140	ug/l	99
55) 1,1,2-Trichloroethane	10.797	97	250565	43.739	ug/l	98
56) Ethyl methacrylate	10.655	69	313110	48.029	ug/l	97
57) 1,3-Dichloropropane	10.944	76	442551	44.624	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.938	63	912004	265.241	ug/l	99
59) 2-Hexanone	10.979	43	642740	246.349	ug/l	100
60) Dibromochloromethane	11.138	129	285195	43.458	ug/l	97
61) 1,2-Dibromoethane	11.244	107	235923	45.490	ug/l	98
64) Tetrachloroethene	10.873	164	270206	44.135	ug/l	98
65) Chlorobenzene	11.661	112	880614	44.412	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.738	131	308767	43.849	ug/l	99
67) Ethyl Benzene	11.738	91	1651881	47.119	ug/l	100
68) m/p-Xylenes	11.844	106	1299466	95.646	ug/l	98
69) o-Xylene	12.173	106	579097	47.240	ug/l	99
70) Styrene	12.185	104	1017424	47.387	ug/l	100
71) Bromoform	12.355	173	153677	44.794	ug/l #	100
73) Isopropylbenzene	12.473	105	1560707	48.474	ug/l	99
74) N-amyl acetate	12.279	43	326079	46.972	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.720	83	284648	44.308	ug/l	99
76) 1,2,3-Trichloropropane	12.773	75	193378m	43.188	ug/l	
77) Bromobenzene	12.755	156	326003	45.619	ug/l	99
78) n-propylbenzene	12.814	91	1999032	48.143	ug/l	100
79) 2-Chlorotoluene	12.896	91	1119592	46.866	ug/l	99
80) 1,3,5-Trimethylbenzene	12.949	105	1319025	48.121	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.520	75	85640	49.645	ug/l	98
82) 4-Chlorotoluene	12.996	91	1170809	46.805	ug/l	99
83) tert-Butylbenzene	13.214	119	1089499	48.902	ug/l	99
84) 1,2,4-Trimethylbenzene	13.261	105	1307828	48.099	ug/l	99
85) sec-Butylbenzene	13.391	105	1722677	48.260	ug/l	98
86) p-Isopropyltoluene	13.508	119	1395332	48.385	ug/l	100
87) 1,3-Dichlorobenzene	13.508	146	673542	44.360	ug/l	100
88) 1,4-Dichlorobenzene	13.585	146	661781	44.004	ug/l	98
89) n-Butylbenzene	13.832	91	1367052	48.307	ug/l	100
90) Hexachloroethane	14.102	117	271649	44.638	ug/l	100
91) 1,2-Dichlorobenzene	13.879	146	580819	44.642	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.496	75	41083	42.813	ug/l	95
93) 1,2,4-Trichlorobenzene	15.149	180	334355	46.213	ug/l	98
94) Hexachlorobutadiene	15.255	225	195666	45.782	ug/l	97
95) Naphthalene	15.385	128	625260	47.483	ug/l	99
96) 1,2,3-Trichlorobenzene	15.579	180	282173	44.677	ug/l	97

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

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