

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092021\
 Data File : VD070375.D
 Acq On : 20 Sep 2021 10:52
 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
 9/21/2021 6:59:26 PM

Quant Time: Sep 21 03:32:08 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	7.979	168	383199	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	650330	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	626596	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	310534	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	222648	45.250	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	90.500%
35) Dibromofluoromethane	7.914	113	223436	48.267	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.540%
50) Toluene-d8	10.338	98	843668	50.197	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	100.400%
62) 4-Bromofluorobenzene	12.626	95	283516	48.267	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	96.540%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	180217	46.756	ug/l	98
3) Chloromethane	2.209	50	237052	45.353	ug/l	98
4) Vinyl Chloride	2.350	62	262949	43.613	ug/l	98
5) Bromomethane	2.762	94	165763	44.728	ug/l	95
6) Chloroethane	2.920	64	174900	47.757	ug/l	96
7) Trichlorofluoromethane	3.273	101	363953	45.639	ug/l	98
8) Diethyl Ether	3.709	74	96768	43.896	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.097	101	225995	45.623	ug/l	99
10) Methyl Iodide	4.297	142	206342	43.646	ug/l	97
11) Tert butyl alcohol	5.220	59	49696	89.327	ug/l #	100
12) 1,1-Dichloroethene	4.067	96	197741	44.324	ug/l	99
13) Acrolein	3.926	56	45382	185.536	ug/l	84
14) Allyl chloride	4.714	41	283683	43.272	ug/l	98
15) Acrylonitrile	5.420	53	238158	226.741	ug/l	99
16) Acetone	4.156	43	225085	256.227	ug/l	91
17) Carbon Disulfide	4.409	76	709359	43.096	ug/l	98
18) Methyl Acetate	4.720	43	112904	46.731	ug/l	97
19) Methyl tert-butyl Ether	5.479	73	446436	46.306	ug/l	97
20) Methylene Chloride	4.961	84	269452	49.094	ug/l	99
21) trans-1,2-Dichloroethene	5.473	96	244023	45.950	ug/l	96
22) Diisopropyl ether	6.361	45	674705	48.085	ug/l	97
23) Vinyl Acetate	6.303	43	1571542	241.763	ug/l	99
24) 1,1-Dichloroethane	6.261	63	446390	44.962	ug/l	96
25) 2-Butanone	7.208	43	280240	239.651	ug/l	98
26) 2,2-Dichloropropane	7.208	77	368787	45.955	ug/l	99
27) cis-1,2-Dichloroethene	7.208	96	263185	46.134	ug/l	99
28) Bromochloromethane	7.550	49	185426	47.072	ug/l	93
29) Tetrahydrofuran	7.561	42	179820	239.550	ug/l	95
30) Chloroform	7.708	83	462302	45.421	ug/l	95
31) Cyclohexane	7.985	56	385343	45.464	ug/l	96
32) 1,1,1-Trichloroethane	7.902	97	393345	45.914	ug/l	98
36) 1,1-Dichloropropene	8.108	75	346172	49.800	ug/l	98
37) Ethyl Acetate	7.291	43	129667	49.885	ug/l	97
38) Carbon Tetrachloride	8.097	117	347109	50.490	ug/l	97
39) Methylcyclohexane	9.355	83	403212	51.923	ug/l	99
40) Benzene	8.350	78	998309	49.008	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.526	41	60786m	44.447	ug/l	
42) 1,2-Dichloroethane	8.420	62	266794	48.900	ug/l	99
43) Isopropyl Acetate	8.450	43	223185	46.438	ug/l	99
44) Trichloroethene	9.114	130	236792	48.638	ug/l	94
45) 1,2-Dichloropropane	9.385	63	265439	49.666	ug/l	99
46) Dibromomethane	9.473	93	135718	49.314	ug/l	97
47) Bromodichloromethane	9.655	83	345861	49.260	ug/l	97
48) Methyl methacrylate	9.455	41	112189	50.557	ug/l	98
49) 1,4-Dioxane	9.455	88	28395	1030.111	ug/l	94
51) 4-Methyl-2-Pentanone	10.226	43	637188	256.211	ug/l	98
52) Toluene	10.402	92	635240	51.610	ug/l	98
53) t-1,3-Dichloropropene	10.614	75	310382	51.391	ug/l	99
54) cis-1,3-Dichloropropene	10.085	75	368511	50.136	ug/l	94
55) 1,1,2-Trichloroethane	10.796	97	190013	50.188	ug/l	96
56) Ethyl methacrylate	10.655	69	212308	51.369	ug/l	95
57) 1,3-Dichloropropane	10.943	76	321974	49.953	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.938	63	518632	260.354	ug/l	99
59) 2-Hexanone	10.979	43	453530	273.327	ug/l	98
60) Dibromochloromethane	11.132	129	220445	50.032	ug/l	97
61) 1,2-Dibromoethane	11.238	107	171476	49.248	ug/l	99
64) Tetrachloroethene	10.873	164	192854	50.552	ug/l	96
65) Chlorobenzene	11.667	112	636889	49.064	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.738	131	242840	51.079	ug/l	97
67) Ethyl Benzene	11.738	91	1171003	52.307	ug/l	99
68) m/p-Xylenes	11.849	106	927773	107.304	ug/l	98
69) o-Xylene	12.173	106	414562	53.520	ug/l	99
70) Styrene	12.185	104	750982	55.500	ug/l	98
71) Bromoform	12.349	173	116289	49.491	ug/l #	100
73) Isopropylbenzene	12.473	105	1107834	50.870	ug/l	99
74) N-amyl acetate	12.279	43	226495	47.734	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.720	83	214155	45.914	ug/l	100
76) 1,2,3-Trichloropropane	12.773	75	140986m	44.884	ug/l	
77) Bromobenzene	12.749	156	237897	47.349	ug/l	98
78) n-propylbenzene	12.814	91	1445826	51.152	ug/l	99
79) 2-Chlorotoluene	12.896	91	813838	49.397	ug/l	98
80) 1,3,5-Trimethylbenzene	12.949	105	968976	51.555	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.520	75	63856	50.937	ug/l	97
82) 4-Chlorotoluene	12.996	91	862954	49.650	ug/l	99
83) tert-Butylbenzene	13.214	119	773925	51.342	ug/l	98
84) 1,2,4-Trimethylbenzene	13.261	105	960613	51.902	ug/l	100
85) sec-Butylbenzene	13.390	105	1226591	51.192	ug/l	99
86) p-Isopropyltoluene	13.508	119	1004817	52.194	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	501935	47.984	ug/l	99
88) 1,4-Dichlorobenzene	13.585	146	501334	47.748	ug/l	100
89) n-Butylbenzene	13.832	91	973081	50.697	ug/l	100
90) Hexachloroethane	14.096	117	204759	46.463	ug/l	98
91) 1,2-Dichlorobenzene	13.879	146	437610	47.415	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.496	75	30368	43.473	ug/l	97
93) 1,2,4-Trichlorobenzene	15.149	180	234087	46.968	ug/l	98
94) Hexachlorobutadiene	15.249	225	146845	48.035	ug/l	97
95) Naphthalene	15.384	128	435294	48.057	ug/l	99
96) 1,2,3-Trichlorobenzene	15.579	180	208205	47.347	ug/l	98

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

