

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD090821\
 Data File : VD070289.D
 Acq On : 08 Sep 2021 11:16
 Operator : VA/SY
 Sample : VSTDICCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 9/10/2021 10:49:03 AM

Quant Time: Sep 09 01:35:20 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D090821S.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 09 01:31:51 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	425768	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	741754	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	720971	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	330503	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	240203	43.064	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	86.120%		
35) Dibromofluoromethane	7.914	113	255024	47.935	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	95.860%		
50) Toluene-d8	10.338	98	981550	51.906	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	103.820%		
62) 4-Bromofluorobenzene	12.626	95	337852	52.230	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	104.460%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.985	85	200891	37.737	ug/l	100
3) Chloromethane	2.209	50	270662	38.357	ug/l	100
4) Vinyl Chloride	2.344	62	290173	40.959	ug/l	100
5) Bromomethane	2.762	94	191048	36.347	ug/l	100
6) Chloroethane	2.921	64	188292	39.773	ug/l	100
7) Trichlorofluoromethane	3.268	101	407816	43.167	ug/l	100
8) Diethyl Ether	3.709	74	122193	49.785	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.091	101	256317	43.404	ug/l	100
10) Methyl Iodide	4.297	142	269449	60.165	ug/l	100
11) Tert butyl alcohol	5.220	59	106248m	131.100	ug/l	
12) 1,1-Dichloroethene	4.068	96	238292	46.319	ug/l	100
13) Acrolein	3.921	56	64098	241.780	ug/l	100
14) Allyl chloride	4.715	41	341370	47.253	ug/l	100
15) Acrylonitrile	5.420	53	273891	233.553	ug/l	100
16) Acetone	4.156	43	219238	216.672	ug/l	100
17) Carbon Disulfide	4.409	76	843622	44.365	ug/l	100
18) Methyl Acetate	4.715	43	124683	41.805	ug/l	100
19) Methyl tert-butyl Ether	5.479	73	547682	52.864	ug/l	100
20) Methylene Chloride	4.962	84	308122	36.088	ug/l	100
21) trans-1,2-Dichloroethene	5.473	96	285418	47.436	ug/l	100
22) Diisopropyl ether	6.362	45	758476	49.549	ug/l	100
23) Vinyl Acetate	6.303	43	1758809	265.836	ug/l	100
24) 1,1-Dichloroethane	6.262	63	505263	44.491	ug/l	100
25) 2-Butanone	7.209	43	295984	232.478	ug/l	100
26) 2,2-Dichloropropane	7.209	77	405209	44.769	ug/l	100
27) cis-1,2-Dichloroethene	7.209	96	308781	48.386	ug/l	100
28) Bromochloromethane	7.544	49	201247	46.369	ug/l	100
29) Tetrahydrofuran	7.561	42	195387	240.099	ug/l	100
30) Chloroform	7.709	83	518137	43.994	ug/l	100
31) Cyclohexane	7.985	56	435870	44.862	ug/l	100
32) 1,1,1-Trichloroethane	7.903	97	440493	44.614	ug/l	100
36) 1,1-Dichloropropene	8.109	75	393137	48.720	ug/l	100
37) Ethyl Acetate	7.291	43	137184	45.947	ug/l	100
38) Carbon Tetrachloride	8.097	117	387560	49.215	ug/l	100
39) Methylcyclohexane	9.350	83	469186	55.277	ug/l	100
40) Benzene	8.350	78	1163504	49.580	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	71766	54.628	ug/l	100
42) 1,2-Dichloroethane	8.426	62	293631	45.698	ug/l	100
43) Isopropyl Acetate	8.450	43	257496	47.976	ug/l	100
44) Trichloroethene	9.114	130	282291	49.746	ug/l	100
45) 1,2-Dichloropropane	9.385	63	294088	47.427	ug/l	100
46) Dibromomethane	9.473	93	151026	47.604	ug/l	100
47) Bromodichloromethane	9.656	83	388297	47.728	ug/l	100
48) Methyl methacrylate	9.450	41	125939	53.613	ug/l	100
49) 1,4-Dioxane	9.456	88	34092	1123.331	ug/l	100
51) 4-Methyl-2-Pentanone	10.226	43	693399	255.112	ug/l	100
52) Toluene	10.397	92	741246	53.182	ug/l	100
53) t-1,3-Dichloropropene	10.614	75	345265	50.951	ug/l	100
54) cis-1,3-Dichloropropene	10.085	75	409393	50.019	ug/l	100
55) 1,1,2-Trichloroethane	10.797	97	215911	49.176	ug/l	100
56) Ethyl methacrylate	10.655	69	253658	59.363	ug/l	100
57) 1,3-Dichloropropane	10.938	76	365496	49.544	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.938	63	574509	276.980	ug/l	100
59) 2-Hexanone	10.979	43	472880	267.119	ug/l	100
60) Dibromochloromethane	11.132	129	256416	50.101	ug/l	100
61) 1,2-Dibromoethane	11.244	107	198134	48.878	ug/l	100
64) Tetrachloroethene	10.873	164	224869	50.104	ug/l	100
65) Chlorobenzene	11.661	112	753002	49.934	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.738	131	272229	48.797	ug/l	100
67) Ethyl Benzene	11.738	91	1356685	54.243	ug/l	100
68) m/p-Xylenes	11.850	106	1079942	111.478	ug/l	100
69) o-Xylene	12.173	106	489236	56.780	ug/l	100
70) Styrene	12.185	104	870963	58.116	ug/l	100
71) Bromoform	12.355	173	136786	50.257	ug/l	100
73) Isopropylbenzene	12.473	105	1267148	57.149	ug/l	100
74) N-amyl acetate	12.279	43	245563	51.401	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.720	83	236587	46.565	ug/l	100
76) 1,2,3-Trichloropropane	12.773	75	163969m	60.381	ug/l	100
77) Bromobenzene	12.755	156	275026	51.579	ug/l	100
78) n-propylbenzene	12.814	91	1612341	55.307	ug/l	100
79) 2-Chlorotoluene	12.897	91	919634	53.730	ug/l	100
80) 1,3,5-Trimethylbenzene	12.949	105	1104167	56.943	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.520	75	66368	50.230	ug/l	100
82) 4-Chlorotoluene	12.996	91	975556	53.135	ug/l	100
83) tert-Butylbenzene	13.214	119	879095	57.184	ug/l	100
84) 1,2,4-Trimethylbenzene	13.261	105	1091239	57.441	ug/l	100
85) sec-Butylbenzene	13.391	105	1377243	55.571	ug/l	100
86) p-Isopropyltoluene	13.508	119	1139663	57.730	ug/l	100
87) 1,3-Dichlorobenzene	13.508	146	577469	51.205	ug/l	100
88) 1,4-Dichlorobenzene	13.585	146	563450	48.722	ug/l	100
89) n-Butylbenzene	13.832	91	1096827	55.941	ug/l	100
90) Hexachloroethane	14.102	117	226046	47.901	ug/l	100
91) 1,2-Dichlorobenzene	13.879	146	502196	51.682	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.491	75	34743	46.723	ug/l	100
93) 1,2,4-Trichlorobenzene	15.149	180	273120	52.917	ug/l	100
94) Hexachlorobutadiene	15.249	225	154843	47.496	ug/l	100
95) Naphthalene	15.385	128	471044	53.567	ug/l	100
96) 1,2,3-Trichlorobenzene	15.579	180	216293	48.936	ug/l	100

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

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