

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD071321\
 Data File : VD069666.D
 Acq On : 13 Jul 2021 12:34
 Operator : VA/SY
 Sample : VSTDICCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 7/15/2021 5:31:15 PM

Quant Time: Jul 14 05:38:47 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071321S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 14 05:37:13 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	659872	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	1142830	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	1086259	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	492101	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	408681	49.892	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 99.780%			
35) Dibromofluoromethane	7.914	113	394812	51.920	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 103.840%			
50) Toluene-d8	10.338	98	1581856	53.586	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 107.180%			
62) 4-Bromofluorobenzene	12.626	95	523690	52.637	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 105.280%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	374117	56.675	ug/l	100
3) Chloromethane	2.209	50	500744	53.837	ug/l	100
4) Vinyl Chloride	2.350	62	543564	54.167	ug/l	100
5) Bromomethane	2.762	94	318293	47.584	ug/l	100
6) Chloroethane	2.920	64	337674	51.731	ug/l	100
7) Trichlorofluoromethane	3.267	101	660302	51.469	ug/l	100
8) Diethyl Ether	3.709	74	193276	51.654	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.091	101	408500	51.436	ug/l	100
10) Methyl Iodide	4.297	142	425333	57.661	ug/l	100
11) Tert butyl alcohol	5.209	59	149394	146.959	ug/l	100
12) 1,1-Dichloroethene	4.067	96	395056	53.902	ug/l	100
13) Acrolein	3.926	56	133591	230.876	ug/l	100
14) Allyl chloride	4.714	41	601396	53.106	ug/l	100
15) Acrylonitrile	5.420	53	437880	258.334	ug/l	100
16) Acetone	4.156	43	363108	235.439	ug/l	100
17) Carbon Disulfide	4.409	76	1398325	56.798	ug/l	100
18) Methyl Acetate	4.714	43	189919	41.140	ug/l	100
19) Methyl tert-butyl Ether	5.479	73	850084	54.935	ug/l	100
20) Methylene Chloride	4.961	84	547595	39.541	ug/l	100
21) trans-1,2-Dichloroethene	5.473	96	452632	53.027	ug/l	100
22) Diisopropyl ether	6.361	45	1311560	56.509	ug/l	100
23) Vinyl Acetate	6.303	43	3316410	291.290	ug/l	100
24) 1,1-Dichloroethane	6.261	63	838124	51.942	ug/l	100
25) 2-Butanone	7.208	43	498874	249.448	ug/l	100
26) 2,2-Dichloropropane	7.208	77	651813	50.141	ug/l	100
27) cis-1,2-Dichloroethene	7.208	96	490425	52.939	ug/l	100
28) Bromochloromethane	7.550	49	323134	52.018	ug/l	100
29) Tetrahydrofuran	7.561	42	331231	269.584	ug/l	100
30) Chloroform	7.708	83	822632	51.052	ug/l	100
31) Cyclohexane	7.985	56	752165	54.270	ug/l	100
32) 1,1,1-Trichloroethane	7.902	97	693119	50.904	ug/l	100
36) 1,1-Dichloropropene	8.108	75	645056	54.426	ug/l	100
37) Ethyl Acetate	7.291	43	238017	52.439	ug/l	100
38) Carbon Tetrachloride	8.097	117	583331	53.847	ug/l	100
39) Methylcyclohexane	9.355	83	760782	59.777	ug/l	100
40) Benzene	8.350	78	1853404	54.163	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	121471	53.882	ug/l	100
42) 1,2-Dichloroethane	8.420	62	482448	52.634	ug/l	100
43) Isopropyl Acetate	8.450	43	432755	52.075	ug/l	100
44) Trichloroethene	9.108	130	439289	53.037	ug/l	100
45) 1,2-Dichloropropane	9.385	63	476159	53.453	ug/l	100
46) Dibromomethane	9.473	93	230712	52.137	ug/l	100
47) Bromodichloromethane	9.661	83	604089	52.131	ug/l	100
48) Methyl methacrylate	9.455	41	220018	56.529	ug/l	100
49) 1,4-Dioxane	9.455	88	50159	1099.684	ug/l	100
51) 4-Methyl-2-Pentanone	10.226	43	1151899	267.041	ug/l	100
52) Toluene	10.402	92	1151400	56.020	ug/l	100
53) t-1,3-Dichloropropene	10.620	75	516461	52.716	ug/l	100
54) cis-1,3-Dichloropropene	10.085	75	613243	51.265	ug/l	100
55) 1,1,2-Trichloroethane	10.796	97	318212	51.870	ug/l	100
56) Ethyl methacrylate	10.655	69	398410	56.438	ug/l	100
57) 1,3-Dichloropropane	10.944	76	574741	53.137	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.938	63	840592	266.043	ug/l	100
59) 2-Hexanone	10.979	43	783871	272.318	ug/l	100
60) Dibromochloromethane	11.138	129	369170	51.150	ug/l	100
61) 1,2-Dibromoethane	11.243	107	294918	51.464	ug/l	100
64) Tetrachloroethene	10.873	164	345953	52.060	ug/l	100
65) Chlorobenzene	11.667	112	1146567	52.322	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.738	131	403491	51.155	ug/l	100
67) Ethyl Benzene	11.738	91	2144124	55.357	ug/l	100
68) m/p-Xylenes	11.849	106	1639453	111.971	ug/l	100
69) o-Xylene	12.173	106	749890	56.335	ug/l	100
70) Styrene	12.191	104	1320415	56.555	ug/l	100
71) Bromoform	12.355	173	195942	51.050	ug/l #	100
73) Isopropylbenzene	12.473	105	1967432	56.138	ug/l	100
74) N-amyl acetate	12.279	43	413135	53.841	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.720	83	354815	50.075	ug/l	100
76) 1,2,3-Trichloropropane	12.773	75	250312m	55.978	ug/l	
77) Bromobenzene	12.755	156	415630	53.098	ug/l	100
78) n-propylbenzene	12.814	91	2535277	56.699	ug/l	100
79) 2-Chlorotoluene	12.896	91	1437850	54.710	ug/l	100
80) 1,3,5-Trimethylbenzene	12.949	105	1676966	56.359	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.520	75	90006	49.957	ug/l	100
82) 4-Chlorotoluene	12.996	91	1489636	53.926	ug/l	100
83) tert-Butylbenzene	13.214	119	1347039	55.253	ug/l	100
84) 1,2,4-Trimethylbenzene	13.261	105	1664354	56.266	ug/l	100
85) sec-Butylbenzene	13.390	105	2159872	56.432	ug/l	100
86) p-Isopropyltoluene	13.508	119	1758385	56.317	ug/l	100
87) 1,3-Dichlorobenzene	13.508	146	858129	52.941	ug/l	100
88) 1,4-Dichlorobenzene	13.585	146	845796	51.871	ug/l	100
89) n-Butylbenzene	13.832	91	1732194	56.011	ug/l	100
90) Hexachloroethane	14.102	117	337273	52.764	ug/l	100
91) 1,2-Dichlorobenzene	13.879	146	740298	52.629	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.490	75	52687	48.632	ug/l	100
93) 1,2,4-Trichlorobenzene	15.149	180	418063	53.282	ug/l	100
94) Hexachlorobutadiene	15.255	225	247551	52.859	ug/l	100
95) Naphthalene	15.390	128	763658	53.900	ug/l	100
96) 1,2,3-Trichlorobenzene	15.579	180	354687	52.841	ug/l	100

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

