

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD071321\
 Data File : VD069668.D
 Acq On : 13 Jul 2021 13:30
 Operator : VA/SY
 Sample : VSTDICC150
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC150

Manual Integrations
 APPROVED

MMDadoda
 7/15/2021 5:31:20 PM

Quant Time: Jul 14 05:39:25 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	724992	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	1278959	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	1214396	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	547304	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	1213324	134.820	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 269.640%#	
35) Dibromofluoromethane	7.914	113	1181887	138.881	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 277.760%#	
50) Toluene-d8	10.338	98	4814080	145.722	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 291.440%#	
62) 4-Bromofluorobenzene	12.626	95	1653550	148.512	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 297.020%#	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.985	85	1097098	151.271	ug/l	96
3) Chloromethane	2.209	50	1486941	145.506	ug/l	99
4) Vinyl Chloride	2.344	62	1594725	144.643	ug/l	100
5) Bromomethane	2.738	94	973803	132.504	ug/l	97
6) Chloroethane	2.903	64	982010	136.928	ug/l	99
7) Trichlorofluoromethane	3.262	101	1910413	135.536	ug/l	99
8) Diethyl Ether	3.709	74	613359	149.200	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.091	101	1162396	133.216	ug/l	99
10) Methyl Iodide	4.297	142	1356110	167.332	ug/l	99
11) Tert butyl alcohol	5.220	59	358837	321.281	ug/l #	94
12) 1,1-Dichloroethene	4.067	96	1162055	144.312	ug/l	96
13) Acrolein	3.920	56	429521	675.634	ug/l	100
14) Allyl chloride	4.709	41	1919139	154.248	ug/l	99
15) Acrylonitrile	5.420	53	1369712	735.498	ug/l	99
16) Acetone	4.156	43	955530	563.915	ug/l	98
17) Carbon Disulfide	4.409	76	4076649	150.715	ug/l	100
18) Methyl Acetate	4.714	43	584046	115.150	ug/l	99
19) Methyl tert-butyl Ether	5.473	73	2668200	156.939	ug/l	100
20) Methylene Chloride	4.962	84	1393245	91.568	ug/l	98
21) trans-1,2-Dichloroethene	5.467	96	1340398	142.925	ug/l	98
22) Diisopropyl ether	6.361	45	3968390	155.621	ug/l	98
23) Vinyl Acetate	6.303	43	10704616	855.767	ug/l	98
24) 1,1-Dichloroethane	6.261	63	2456262	138.552	ug/l	99
25) 2-Butanone	7.208	43	1533626	697.968	ug/l	99
26) 2,2-Dichloropropane	7.203	77	1964894	137.575	ug/l	99
27) cis-1,2-Dichloroethene	7.208	96	1495010	146.883	ug/l	99
28) Bromochloromethane	7.544	49	978320	143.342	ug/l	98
29) Tetrahydrofuran	7.561	42	1029396	762.556	ug/l	99
30) Chloroform	7.708	83	2382554	134.579	ug/l	98
31) Cyclohexane	7.985	56	2253577	147.995	ug/l	98
32) 1,1,1-Trichloroethane	7.903	97	2040982	136.429	ug/l	99
36) 1,1-Dichloropropene	8.114	75	1913899	144.296	ug/l	99
37) Ethyl Acetate	7.291	43	716233	141.001	ug/l	98
38) Carbon Tetrachloride	8.091	117	1747362	144.130	ug/l	99
39) Methylcyclohexane	9.355	83	2364466	166.008	ug/l	97
40) Benzene	8.350	78	5448560	142.278	ug/l	100

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41) Methacrylonitrile	7.520	41	384771	152.509	ug/l	97
42) 1,2-Dichloroethane	8.420	62	1406816	137.144	ug/l	100
43) Isopropyl Acetate	8.450	43	1371629	147.484	ug/l	98
44) Trichloroethene	9.108	130	1306806	140.981	ug/l	99
45) 1,2-Dichloropropane	9.385	63	1390078	139.440	ug/l	99
46) Dibromomethane	9.473	93	680778	137.470	ug/l	99
47) Bromodichloromethane	9.655	83	1806482	139.300	ug/l	98
48) Methyl methacrylate	9.455	41	692857	159.067	ug/l	99
49) 1,4-Dioxane	9.455	88	152461	2986.776	ug/l	94
51) 4-Methyl-2-Pentanone	10.226	43	3556612	736.758	ug/l	99
52) Toluene	10.402	92	3439473	149.531	ug/l	98
53) t-1,3-Dichloropropene	10.614	75	1592818	145.277	ug/l	99
54) cis-1,3-Dichloropropene	10.085	75	2013762	150.427	ug/l	100
55) 1,1,2-Trichloroethane	10.797	97	944142	137.518	ug/l	99
56) Ethyl methacrylate	10.655	69	1286794	162.882	ug/l	99
57) 1,3-Dichloropropane	10.944	76	1707805	141.086	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.938	63	2875925	813.335	ug/l	100
59) 2-Hexanone	10.979	43	2407078	747.218	ug/l	98
60) Dibromochloromethane	11.138	129	1119761	138.633	ug/l	100
61) 1,2-Dibromoethane	11.244	107	890702	138.887	ug/l	98
64) Tetrachloroethene	10.873	164	1017989	137.025	ug/l	99
65) Chlorobenzene	11.667	112	3430062	140.011	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.738	131	1220152	138.370	ug/l	99
67) Ethyl Benzene	11.738	91	6511845	150.383	ug/l	98
68) m/p-Xylenes	11.849	106	4956294	302.786	ug/l	97
69) o-Xylene	12.173	106	2346571	157.684	ug/l	98
70) Styrene	12.191	104	4010025	153.633	ug/l	99
71) Bromoform	12.355	173	592121	137.991	ug/l #	100
73) Isopropylbenzene	12.473	105	6065820	155.622	ug/l	100
74) N-amyl acetate	12.279	43	1322625	154.982	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.720	83	1055031	133.878	ug/l	99
76) 1,2,3-Trichloropropane	12.773	75	737020m	148.197	ug/l	
77) Bromobenzene	12.755	156	1262999	145.079	ug/l	99
78) n-propylbenzene	12.814	91	7482898	150.468	ug/l	99
79) 2-Chlorotoluene	12.902	91	4324684	147.955	ug/l	99
80) 1,3,5-Trimethylbenzene	12.949	105	5051101	152.633	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.520	75	298104	148.770	ug/l	97
82) 4-Chlorotoluene	12.996	91	4464235	145.307	ug/l	99
83) tert-Butylbenzene	13.214	119	4199263	154.873	ug/l	100
84) 1,2,4-Trimethylbenzene	13.261	105	5011682	152.338	ug/l	99
85) sec-Butylbenzene	13.390	105	6476297	152.141	ug/l	99
86) p-Isopropyltoluene	13.508	119	5298664	152.587	ug/l	99
87) 1,3-Dichlorobenzene	13.508	146	2559055	141.954	ug/l	99
88) 1,4-Dichlorobenzene	13.585	146	2490269	137.319	ug/l	99
89) n-Butylbenzene	13.832	91	5218118	151.711	ug/l	97
90) Hexachloroethane	14.102	117	1038574	146.090	ug/l	99
91) 1,2-Dichlorobenzene	13.879	146	2189961	139.984	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.490	75	159399	132.290	ug/l	92
93) 1,2,4-Trichlorobenzene	15.149	180	1295230	148.427	ug/l	98
94) Hexachlorobutadiene	15.255	225	737679	141.627	ug/l	98
95) Naphthalene	15.384	128	2591652	164.473	ug/l	99
96) 1,2,3-Trichlorobenzene	15.579	180	1132506	151.701	ug/l	99

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

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