

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050222\
 Data File : VD072747.D
 Acq On : 02 May 2022 13:33
 Operator : VA/SY
 Sample : VSTDICC150
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC150

Quant Time: May 03 08:05:38 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050222S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 03 08:04:11 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 05/03/2022
 Supervised By : Mahesh Dadoda 05/03/2022

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	332497	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	571977	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	550113	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	260167	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	652847	151.260	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 302.520%#			
35) Dibromofluoromethane	7.914	113	607809	151.307	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 302.620%#			
50) Toluene-d8	10.332	98	2369539	164.442	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 328.880%#			
62) 4-Bromofluorobenzene	12.620	95	869592	161.847	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 323.700%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.991	85	674068	146.707	ug/l	98
3) Chloromethane	2.215	50	707441	148.053	ug/l	96
4) Vinyl Chloride	2.350	62	648024	151.138	ug/l	98
5) Bromomethane	2.738	94	387878	134.810	ug/l	96
6) Chloroethane	2.903	64	398239	149.028	ug/l	98
7) Trichlorofluoromethane	3.268	101	1138537	151.643	ug/l	97
8) Diethyl Ether	3.709	74	336024	156.110	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.091	101	682090	153.023	ug/l	98
10) Methyl Iodide	4.297	142	782775	174.986	ug/l	98
11) Tert butyl alcohol	5.220	59	217905	572.831	ug/l	99
12) 1,1-Dichloroethene	4.062	96	632681	157.804	ug/l	91
13) Acrolein	3.920	56	191441	632.854	ug/l	100
14) Allyl chloride	4.709	41	1069984	165.302	ug/l	94
15) Acrylonitrile	5.414	53	773423	756.066	ug/l	98
16) Acetone	4.156	43	593781	658.485	ug/l	92
17) Carbon Disulfide	4.409	76	1910464	151.546	ug/l	100
18) Methyl Acetate	4.715	43	363806	142.785	ug/l	93
19) Methyl tert-butyl Ether	5.479	73	1552316	161.507	ug/l	100
20) Methylene Chloride	4.962	84	718957	107.657	ug/l	93
21) trans-1,2-Dichloroethene	5.467	96	711443	154.724	ug/l	92
22) Diisopropyl ether	6.362	45	2251660	158.132	ug/l	93
23) Vinyl Acetate	6.303	43	6332694	805.082	ug/l #	95
24) 1,1-Dichloroethane	6.261	63	1282565	149.921	ug/l	100
25) 2-Butanone	7.209	43	940010	747.484	ug/l	95
26) 2,2-Dichloropropane	7.203	77	1142182	157.929	ug/l	99
27) cis-1,2-Dichloroethene	7.209	96	809299	153.672	ug/l	94
28) Bromochloromethane	7.544	49	498567	156.279	ug/l	86
29) Tetrahydrofuran	7.561	42	623102	777.344	ug/l	93
30) Chloroform	7.703	83	1342340	148.292	ug/l	97
31) Cyclohexane	7.979	56	1164071	154.287	ug/l	93
32) 1,1,1-Trichloroethane	7.903	97	1188448	154.048	ug/l	97
36) 1,1-Dichloropropene	8.108	75	1020878	156.292	ug/l	97
37) Ethyl Acetate	7.285	43	438697	146.100	ug/l #	97
38) Carbon Tetrachloride	8.091	117	1039201	153.265	ug/l	99
39) Methylcyclohexane	9.350	83	1272696	167.980	ug/l	97
40) Benzene	8.344	78	2865721	151.924	ug/l	99

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41) Methacrylonitrile	7.514	41	296329	172.746	ug/l	93
42) 1,2-Dichloroethane	8.420	62	832443	146.447	ug/l	97
43) Isopropyl Acetate	8.450	43	860779	155.315	ug/l	95
44) Trichloroethene	9.108	130	758200	150.244	ug/l	98
45) 1,2-Dichloropropane	9.379	63	738370	149.052	ug/l	96
46) Dibromomethane	9.467	93	402514	147.302	ug/l	98
47) Bromodichloromethane	9.655	83	1044316	148.558	ug/l	99
48) Methyl methacrylate	9.450	41	449054	165.624	ug/l	95
49) 1,4-Dioxane	9.455	88	89822	2919.016	ug/l	97
51) 4-Methyl-2-Pentanone	10.220	43	2197347	762.997	ug/l	95
52) Toluene	10.397	92	1845922	156.877	ug/l	97
53) t-1,3-Dichloropropene	10.614	75	978665	151.568	ug/l	97
54) cis-1,3-Dichloropropene	10.085	75	1132300	150.940	ug/l	91
55) 1,1,2-Trichloroethane	10.791	97	535469	144.954	ug/l	97
56) Ethyl methacrylate	10.655	69	719337	165.386	ug/l	91
57) 1,3-Dichloropropane	10.938	76	946743	149.346	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.932	63	1846566	875.659	ug/l	96
59) 2-Hexanone	10.973	43	1506455	777.391	ug/l	95
60) Dibromochloromethane	11.132	129	681291	146.505	ug/l	100
61) 1,2-Dibromoethane	11.238	107	532199	148.015	ug/l	98
64) Tetrachloroethene	10.867	164	603515	150.054	ug/l	96
65) Chlorobenzene	11.661	112	1943258	152.727	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.732	131	716939	149.931	ug/l	98
67) Ethyl Benzene	11.738	91	3590198	163.042	ug/l	98
68) m/p-Xylenes	11.844	106	2727071	321.507	ug/l	100
69) o-Xylene	12.173	106	1300548	164.174	ug/l	97
70) Styrene	12.185	104	2227302	162.278	ug/l	98
71) Bromoform	12.349	173	376986	145.467	ug/l #	98
73) Isopropylbenzene	12.467	105	3437711	169.833	ug/l	99
74) N-amyl acetate	12.279	43	838045	166.252	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.720	83	604410	147.921	ug/l	98
76) 1,2,3-Trichloropropane	12.773	75	444131m	158.062	ug/l	
77) Bromobenzene	12.749	156	758628	157.829	ug/l	97
78) n-propylbenzene	12.808	91	4251119	166.635	ug/l	99
79) 2-Chlorotoluene	12.896	91	2412823	161.906	ug/l	99
80) 1,3,5-Trimethylbenzene	12.949	105	2852081	166.170	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.514	75	200773	159.149	ug/l	91
82) 4-Chlorotoluene	12.991	91	2468847	158.556	ug/l	99
83) tert-Butylbenzene	13.208	119	2489325	170.595	ug/l	97
84) 1,2,4-Trimethylbenzene	13.255	105	2819721	164.357	ug/l	99
85) sec-Butylbenzene	13.391	105	3689962	167.662	ug/l	99
86) p-Isopropyltoluene	13.502	119	3032138	168.038	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	1467585	151.563	ug/l	99
88) 1,4-Dichlorobenzene	13.579	146	1449898	150.362	ug/l	100
89) n-Butylbenzene	13.826	91	2951665	168.861	ug/l	99
90) Hexachloroethane	14.096	117	598924	162.022	ug/l	98
91) 1,2-Dichlorobenzene	13.873	146	1276337	151.244	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.490	75	96438	148.889	ug/l	93
93) 1,2,4-Trichlorobenzene	15.143	180	802412	160.555	ug/l	99
94) Hexachlorobutadiene	15.249	225	419002	153.512	ug/l	98
95) Naphthalene	15.385	128	1585721	172.572	ug/l	99
96) 1,2,3-Trichlorobenzene	15.573	180	698462	157.656	ug/l	99

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

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