

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080522\
 Data File : VD073969.D
 Acq On : 05 Aug 2022 16:52
 Operator : VA/SY
 Sample : VSTDICC150
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC150

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 08/08/2022
 Supervised By :Mahesh Dadoda 08/08/2022

Quant Time: Aug 06 00:14:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D080522S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 06 00:09:30 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	181427	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	283610	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	273699	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.555	152	146122	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	186599	109.505	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 219.020%#			
35) Dibromofluoromethane	7.908	113	228060	130.524	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 261.040%#			
50) Toluene-d8	10.332	98	682212	122.802	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 245.600%#			
62) 4-Bromofluorobenzene	12.620	95	329227	141.383	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 282.760%#			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	232976	124.611	ug/l	90
3) Chloromethane	2.209	50	333257	125.354	ug/l	98
4) Vinyl Chloride	2.344	62	482638	134.822	ug/l	100
5) Bromomethane	2.738	94	348356	140.220	ug/l	97
6) Chloroethane	2.903	64	319091	127.531	ug/l	100
7) Trichlorofluoromethane	3.261	101	456179	131.972	ug/l	98
8) Diethyl Ether	3.703	74	115647	143.689	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.085	101	258058	132.959	ug/l	99
10) Methyl Iodide	4.285	142	274799	143.823	ug/l	100
11) Tert butyl alcohol	5.232	59	89051	566.130	ug/l #	85
12) 1,1-Dichloroethene	4.055	96	240451	140.118	ug/l	97
13) Acrolein	3.920	56	97240	1146.755	ug/l	97
14) Allyl chloride	4.702	41	310831	136.464	ug/l	100
15) Acrylonitrile	5.408	53	246764	717.417	ug/l	97
16) Acetone	4.155	43	177696	574.315	ug/l	99
17) Carbon Disulfide	4.397	76	755962	140.424	ug/l	98
18) Methyl Acetate	4.708	43	113390	119.696	ug/l	100
19) Methyl tert-butyl Ether	5.473	73	594176	149.183	ug/l	99
20) Methylene Chloride	4.955	84	277422	91.838	ug/l	96
21) trans-1,2-Dichloroethene	5.461	96	292714	141.153	ug/l	96
22) Diisopropyl ether	6.355	45	713632	145.433	ug/l	98
23) Vinyl Acetate	6.297	43	2085131	813.833	ug/l	98
24) 1,1-Dichloroethane	6.255	63	456397	135.069	ug/l	99
25) 2-Butanone	7.202	43	312591	672.952	ug/l	99
26) 2,2-Dichloropropane	7.202	77	445479	132.790	ug/l	98
27) cis-1,2-Dichloroethene	7.202	96	319452	142.356	ug/l	97
28) Bromochloromethane	7.538	49	145693	134.832	ug/l	95
29) Tetrahydrofuran	7.555	42	203471	741.598	ug/l	97
30) Chloroform	7.702	83	525873	137.744	ug/l	98
31) Cyclohexane	7.979	56	414712	134.210	ug/l	97
32) 1,1,1-Trichloroethane	7.896	97	502293	138.244	ug/l	98
36) 1,1-Dichloropropene	8.102	75	396062	143.589	ug/l	99
37) Ethyl Acetate	7.285	43	147206	143.502	ug/l	98
38) Carbon Tetrachloride	8.091	117	457124	148.808	ug/l	99
39) Methylcyclohexane	9.343	83	497325	157.675	ug/l	96
40) Benzene	8.343	78	1113988	148.707	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	73214	135.136	ug/l	86
42) 1,2-Dichloroethane	8.414	62	313147	137.789	ug/l	97
43) Isopropyl Acetate	8.443	43	297410	148.373	ug/l	100
44) Trichloroethene	9.102	130	314754	145.966	ug/l	100
45) 1,2-Dichloropropane	9.379	63	251855	143.437	ug/l	94
46) Dibromomethane	9.467	93	163382	141.234	ug/l	95
47) Bromodichloromethane	9.649	83	405195	143.807	ug/l	96
48) Methyl methacrylate	9.443	41	139031	151.676	ug/l	97
49) 1,4-Dioxane	9.455	88	37594	3060.899	ug/l	91
51) 4-Methyl-2-Pentanone	10.220	43	770124	772.206	ug/l	98
52) Toluene	10.390	92	777589	156.939	ug/l	100
53) t-1,3-Dichloropropene	10.608	75	393383	155.122	ug/l	98
54) cis-1,3-Dichloropropene	10.079	75	445308	153.972	ug/l	97
55) 1,1,2-Trichloroethane	10.790	97	215427	146.993	ug/l	91
56) Ethyl methacrylate	10.649	69	264271	166.013	ug/l	96
57) 1,3-Dichloropropane	10.932	76	358571	150.754	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.932	63	529782	870.151	ug/l	99
59) 2-Hexanone	10.973	43	523118	791.906	ug/l	97
60) Dibromochloromethane	11.126	129	295590	150.542	ug/l	100
61) 1,2-Dibromoethane	11.237	107	224688	153.313	ug/l	99
64) Tetrachloroethene	10.867	164	273511	142.450	ug/l	96
65) Chlorobenzene	11.661	112	810563	146.606	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.732	131	312316	147.713	ug/l	97
67) Ethyl Benzene	11.732	91	1507240	157.060	ug/l	99
68) m/p-Xylenes	11.843	106	1222173	314.192	ug/l	98
69) o-Xylene	12.167	106	570075	159.583	ug/l	99
70) Styrene	12.179	104	978270	160.286	ug/l	100
71) Bromoform	12.343	173	183477	151.855	ug/l #	100
73) Isopropylbenzene	12.467	105	1521351	152.189	ug/l	100
74) N-amyl acetate	12.273	43	298277	150.403	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.714	83	245870	135.655	ug/l	98
76) 1,2,3-Trichloropropane	12.767	75	193365m	153.781	ug/l	
77) Bromobenzene	12.749	156	348704	148.083	ug/l	99
78) n-propylbenzene	12.808	91	1812996	147.361	ug/l	100
79) 2-Chlorotoluene	12.890	91	1009739	145.903	ug/l	99
80) 1,3,5-Trimethylbenzene	12.943	105	1287371	151.435	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.514	75	79042	147.377	ug/l	96
82) 4-Chlorotoluene	12.990	91	1058552	143.559	ug/l	99
83) tert-Butylbenzene	13.208	119	1116738	153.120	ug/l	97
84) 1,2,4-Trimethylbenzene	13.249	105	1282966	150.800	ug/l	98
85) sec-Butylbenzene	13.384	105	1678045	150.460	ug/l	100
86) p-Isopropyltoluene	13.496	119	1448891	153.190	ug/l	99
87) 1,3-Dichlorobenzene	13.496	146	717988	145.634	ug/l	100
88) 1,4-Dichlorobenzene	13.579	146	706349	142.680	ug/l	99
89) n-Butylbenzene	13.826	91	1300172	149.735	ug/l	99
90) Hexachloroethane	14.090	117	264365	143.975	ug/l	98
91) 1,2-Dichlorobenzene	13.873	146	617616	145.375	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.484	75	42463	142.937	ug/l	95
93) 1,2,4-Trichlorobenzene	15.137	180	381370	150.630	ug/l	98
94) Hexachlorobutadiene	15.243	225	203697	145.896	ug/l	98
95) Naphthalene	15.373	128	758341	163.576	ug/l	99
96) 1,2,3-Trichlorobenzene	15.567	180	339839	148.822	ug/l	97

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

