

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060123\
 Data File : VD076307.D
 Acq On : 01 Jun 2023 20:11
 Operator : KP/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 06/02/2023
 Supervised By :Mahesh Dadoda 06/02/2023

Quant Time: Jun 02 05:38:13 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060123S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 02 05:32:50 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.869	168	226300	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	360948	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	337905	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	173077	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	297156	134.739	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 269.480%#			
35) Dibromofluoromethane	7.805	113	346109	145.262	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 290.520%#			
50) Toluene-d8	10.269	98	1403224	152.745	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 305.500%#			
62) 4-Bromofluorobenzene	12.575	95	402356	157.027	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 314.060%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.928	85	281202	136.428	ug/l	96
3) Chloromethane	2.146	50	593975	150.228	ug/l	98
4) Vinyl Chloride	2.270	62	719608	132.316	ug/l	99
5) Bromomethane	2.652	94	254933	144.557	ug/l	98
6) Chloroethane	2.811	64	422358	150.014	ug/l	98
7) Trichlorofluoromethane	3.152	101	505832	135.582	ug/l	99
8) Diethyl Ether	3.587	74	196868	148.726	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.952	101	328114	135.161	ug/l	98
10) Methyl Iodide	4.152	142	434954	153.264	ug/l	98
11) Tert butyl alcohol	5.069	59	101959	726.194	ug/l	99
12) 1,1-Dichloroethene	3.922	96	364682	144.670	ug/l	99
13) Acrolein	3.787	56	103503	768.013	ug/l	99
14) Allyl chloride	4.552	41	363743	145.637	ug/l	98
15) Acrylonitrile	5.246	53	400041	730.712	ug/l	99
16) Acetone	4.022	43	242335	755.798	ug/l	99
17) Carbon Disulfide	4.258	76	1125592	134.109	ug/l	98
18) Methyl Acetate	4.558	43	258917	139.386	ug/l	100
19) Methyl tert-butyl Ether	5.316	73	788606	155.025	ug/l	99
20) Methylene Chloride	4.793	84	416288	150.144	ug/l	96
21) trans-1,2-Dichloroethene	5.299	96	415061	141.701	ug/l	96
22) Diisopropyl ether	6.211	45	878569	148.212	ug/l	99
23) Vinyl Acetate	6.152	43	2197357m	786.895	ug/l	
24) 1,1-Dichloroethane	6.105	63	627726	135.150	ug/l	98
25) 2-Butanone	7.081	43	413681	718.853	ug/l	98
26) 2,2-Dichloropropane	7.069	77	486858	132.657	ug/l	100
27) cis-1,2-Dichloroethene	7.075	96	470318	146.537	ug/l	99
28) Bromochloromethane	7.422	49	238404	133.402	ug/l	98
29) Tetrahydrofuran	7.446	42	273272	772.793	ug/l	99
30) Chloroform	7.593	83	651669	133.362	ug/l	99
31) Cyclohexane	7.869	56	477083	140.535	ug/l	98
32) 1,1,1-Trichloroethane	7.787	97	526367	137.851	ug/l	99
36) 1,1-Dichloropropene	8.005	75	495702	150.441	ug/l	99
37) Ethyl Acetate	7.163	43	193689	155.025	ug/l	98
38) Carbon Tetrachloride	7.987	117	434019	152.956	ug/l	97
39) Methylcyclohexane	9.269	83	617588	166.349	ug/l	99
40) Benzene	8.246	78	1551849	148.388	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	92585	146.887	ug/l #	83
42) 1,2-Dichloroethane	8.322	62	369430	145.356	ug/l	99
43) Isopropyl Acetate	8.357	43	356152	158.315	ug/l	97
44) Trichloroethene	9.028	130	440386	152.388	ug/l	98
45) 1,2-Dichloropropane	9.304	63	373828	148.083	ug/l	97
46) Dibromomethane	9.393	93	217173	146.594	ug/l	97
47) Bromodichloromethane	9.581	83	506995	146.079	ug/l	100
48) Methyl methacrylate	9.381	41	168792	174.757	ug/l	93
49) 1,4-Dioxane	9.387	88	59265	3304.161	ug/l	99
51) 4-Methyl-2-Pentanone	10.157	43	970184	815.146	ug/l	100
52) Toluene	10.334	92	992740	155.112	ug/l	98
53) t-1,3-Dichloropropene	10.551	75	503402	155.111	ug/l	98
54) cis-1,3-Dichloropropene	10.016	75	606110	158.093	ug/l	98
55) 1,1,2-Trichloroethane	10.734	97	306944	145.549	ug/l	95
56) Ethyl methacrylate	10.599	69	377231	150.710	ug/l	99
57) 1,3-Dichloropropane	10.881	76	505496	151.981	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.869	63	972210	748.697	ug/l	98
59) 2-Hexanone	10.922	43	674176	851.042	ug/l	99
60) Dibromochloromethane	11.075	129	360557	149.186	ug/l	96
61) 1,2-Dibromoethane	11.181	107	290696	149.185	ug/l	99
64) Tetrachloroethene	10.810	164	371700	154.400	ug/l	98
65) Chlorobenzene	11.604	112	1083076	149.099	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.681	131	375683	149.471	ug/l	99
67) Ethyl Benzene	11.681	91	1878551	161.860	ug/l	99
68) m/p-Xylenes	11.793	106	1535841	319.889	ug/l	98
69) o-Xylene	12.122	106	723570	164.265	ug/l	98
70) Styrene	12.134	104	1235044	162.459	ug/l	98
71) Bromoform	12.298	173	216768	152.246	ug/l #	99
73) Isopropylbenzene	12.422	105	1731386	164.235	ug/l	99
74) N-amyl acetate	12.234	43	351768	170.754	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.675	83	348859	145.074	ug/l	99
76) 1,2,3-Trichloropropane	12.722	75	230618m	147.719	ug/l	
77) Bromobenzene	12.698	156	445381	152.815	ug/l	96
78) n-propylbenzene	12.763	91	2123233	161.337	ug/l	99
79) 2-Chlorotoluene	12.851	91	1159327	157.932	ug/l	99
80) 1,3,5-Trimethylbenzene	12.904	105	1441417	164.260	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.469	75	108221	159.434	ug/l	96
82) 4-Chlorotoluene	12.945	91	1216650	154.588	ug/l	98
83) tert-Butylbenzene	13.169	119	1234195	165.551	ug/l	99
84) 1,2,4-Trimethylbenzene	13.210	105	1462481	163.288	ug/l	100
85) sec-Butylbenzene	13.345	105	1857084	163.915	ug/l	99
86) p-Isopropyltoluene	13.463	119	1561980	164.855	ug/l	99
87) 1,3-Dichlorobenzene	13.457	146	880705	149.277	ug/l	99
88) 1,4-Dichlorobenzene	13.540	146	855153	142.732	ug/l	99
89) n-Butylbenzene	13.787	91	1454809	167.179	ug/l	100
90) Hexachloroethane	14.057	117	281913	147.132	ug/l	100
91) 1,2-Dichlorobenzene	13.834	146	781438	150.549	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.445	75	47618	153.141	ug/l	93
93) 1,2,4-Trichlorobenzene	15.098	180	503063	169.357	ug/l	98
94) Hexachlorobutadiene	15.204	225	218497	156.936	ug/l	98
95) Naphthalene	15.334	128	1051192	151.138	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	455199	166.919	ug/l	99

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

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