

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081022\
 Data File : VD074022.D
 Acq On : 10 Aug 2022 13:04
 Operator : VA/SY
 Sample : VSTDICC100
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 08/11/2022
 Supervised By :Mahesh Dadoda 08/11/2022

Quant Time: Aug 10 14:42:15 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081022S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 10 14:39:01 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	165900	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	260705	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	245576	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.555	152	136056	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	121494	74.213	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 148.420%			
35) Dibromofluoromethane	7.908	113	147185	85.813	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 171.620%#			
50) Toluene-d8	10.332	98	430558	80.755	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 161.500%#			
62) 4-Bromofluorobenzene	12.620	95	210726	97.713	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 195.420%#			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	138760	84.267	ug/l	99
3) Chloromethane	2.209	50	210589	82.063	ug/l	99
4) Vinyl Chloride	2.344	62	309402	88.626	ug/l	100
5) Bromomethane	2.750	94	231141	94.995	ug/l	99
6) Chloroethane	2.909	64	212496	84.819	ug/l	100
7) Trichlorofluoromethane	3.262	101	290360	86.315	ug/l	92
8) Diethyl Ether	3.703	74	76833	102.225	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.085	101	166017	87.026	ug/l	99
10) Methyl Iodide	4.291	142	201055	102.209	ug/l	99
11) Tert butyl alcohol	5.232	59	42367	505.694	ug/l	96
12) 1,1-Dichloroethene	4.056	96	158295	96.646	ug/l	98
13) Acrolein	3.920	56	66696	523.207	ug/l	96
14) Allyl chloride	4.709	41	201928	93.741	ug/l	98
15) Acrylonitrile	5.414	53	155319	489.363	ug/l	98
16) Acetone	4.150	43	109109	406.425	ug/l	96
17) Carbon Disulfide	4.403	76	487016	90.680	ug/l	97
18) Methyl Acetate	4.714	43	73429	84.715	ug/l	96
19) Methyl tert-butyl Ether	5.473	73	376298	101.644	ug/l	98
20) Methylene Chloride	4.956	84	171984	86.381	ug/l	95
21) trans-1,2-Dichloroethene	5.467	96	187590	96.290	ug/l	98
22) Diisopropyl ether	6.361	45	465865	102.631	ug/l	99
23) Vinyl Acetate	6.297	43	1313174	115.136	ug/l	100
24) 1,1-Dichloroethane	6.256	63	304029	92.723	ug/l	98
25) 2-Butanone	7.203	43	194120	467.806	ug/l	98
26) 2,2-Dichloropropane	7.203	77	286880	91.776	ug/l	97
27) cis-1,2-Dichloroethene	7.203	96	207641	98.519	ug/l	97
28) Bromochloromethane	7.538	49	120547	95.272	ug/l #	96
29) Tetrahydrofuran	7.556	42	128724	497.859	ug/l	96
30) Chloroform	7.703	83	342371	91.650	ug/l	94
31) Cyclohexane	7.979	56	263112	90.310	ug/l	99
32) 1,1,1-Trichloroethane	7.897	97	330997	93.964	ug/l	98
36) 1,1-Dichloropropene	8.103	75	259539	99.477	ug/l	99
37) Ethyl Acetate	7.285	43	93874	102.462	ug/l	97
38) Carbon Tetrachloride	8.091	117	291183	98.714	ug/l	99
39) Methylcyclohexane	9.350	83	313546	105.828	ug/l	99
40) Benzene	8.344	78	721149	101.755	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	47503	93.354	ug/l	98
42) 1,2-Dichloroethane	8.414	62	208977	95.407	ug/l	100
43) Isopropyl Acetate	8.444	43	188423	102.891	ug/l	99
44) Trichloroethene	9.102	130	203173	97.710	ug/l	96
45) 1,2-Dichloropropane	9.379	63	170156	99.725	ug/l	97
46) Dibromomethane	9.461	93	109363	98.321	ug/l	100
47) Bromodichloromethane	9.649	83	270243	99.097	ug/l #	99
48) Methyl methacrylate	9.450	41	89602	105.455	ug/l	88
49) 1,4-Dioxane	9.461	88	22939	2205.076	ug/l	92
51) 4-Methyl-2-Pentanone	10.220	43	480373	521.120	ug/l	98
52) Toluene	10.391	92	507415	107.240	ug/l	98
53) t-1,3-Dichloropropene	10.608	75	252168	106.070	ug/l	96
54) cis-1,3-Dichloropropene	10.079	75	283128	102.862	ug/l	98
55) 1,1,2-Trichloroethane	10.791	97	140117	99.207	ug/l	96
56) Ethyl methacrylate	10.649	69	164878	112.395	ug/l	98
57) 1,3-Dichloropropane	10.932	76	229401	100.682	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.932	63	361504	591.672	ug/l	98
59) 2-Hexanone	10.973	43	328429	530.062	ug/l	99
60) Dibromochloromethane	11.126	129	196631	102.280	ug/l	99
61) 1,2-Dibromoethane	11.232	107	142414	101.225	ug/l	98
64) Tetrachloroethene	10.867	164	173411	93.866	ug/l	98
65) Chlorobenzene	11.661	112	526439	101.747	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.732	131	204075	101.985	ug/l	96
67) Ethyl Benzene	11.732	91	986094	108.475	ug/l	97
68) m/p-Xylenes	11.844	106	806399	222.678	ug/l	98
69) o-Xylene	12.167	106	373715	112.674	ug/l	98
70) Styrene	12.179	104	642960	114.292	ug/l	100
71) Bromoform	12.343	173	115411	104.743	ug/l #	98
73) Isopropylbenzene	12.467	105	986502	104.870	ug/l	100
74) N-amyl acetate	12.273	43	184479	101.210	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.714	83	159919	94.601	ug/l	99
76) 1,2,3-Trichloropropane	12.767	75	105267m	53.905	ug/l	
77) Bromobenzene	12.743	156	226536	100.493	ug/l	96
78) n-propylbenzene	12.808	91	1188942	101.985	ug/l	99
79) 2-Chlorotoluene	12.891	91	656464	100.602	ug/l	99
80) 1,3,5-Trimethylbenzene	12.943	105	844244	105.299	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.514	75	48988	105.453	ug/l	100
82) 4-Chlorotoluene	12.991	91	696871	100.083	ug/l	99
83) tert-Butylbenzene	13.208	119	726303	105.509	ug/l	99
84) 1,2,4-Trimethylbenzene	13.255	105	843840	104.928	ug/l	99
85) sec-Butylbenzene	13.385	105	1092126	104.017	ug/l	100
86) p-Isopropyltoluene	13.496	119	943541	106.982	ug/l	99
87) 1,3-Dichlorobenzene	13.496	146	474072	100.251	ug/l	99
88) 1,4-Dichlorobenzene	13.579	146	462026	97.846	ug/l	99
89) n-Butylbenzene	13.826	91	849916	103.035	ug/l	99
90) Hexachloroethane	14.090	117	169322	96.996	ug/l	99
91) 1,2-Dichlorobenzene	13.873	146	396635	98.040	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.485	75	26244	89.866	ug/l	97
93) 1,2,4-Trichlorobenzene	15.137	180	242420	101.654	ug/l	98
94) Hexachlorobutadiene	15.243	225	130171	94.943	ug/l	97
95) Naphthalene	15.379	128	457361	108.711	ug/l	99
96) 1,2,3-Trichlorobenzene	15.573	180	212331	100.713	ug/l	98

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

