

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011322\
 Data File : VD071719.D
 Acq On : 13 Jan 2022 19:37
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 01/14/2022
 Supervised By :Mahesh Dadoda 01/14/2022

Quant Time: Jan 14 04:07:38 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D010722S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 07 15:39:14 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	272204	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	458828	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	447740	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	224900	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	206779	59.038	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 118.080%			
35) Dibromofluoromethane	7.908	113	171137	56.438	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 112.880%			
50) Toluene-d8	10.332	98	647987	57.087	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 114.180%			
62) 4-Bromofluorobenzene	12.620	95	227980	56.999	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 114.000%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	98758	47.852	ug/l	98
3) Chloromethane	2.209	50	152845	56.654	ug/l	96
4) Vinyl Chloride	2.344	62	182054	53.791	ug/l	97
5) Bromomethane	2.762	94	118245	52.332	ug/l	100
6) Chloroethane	2.920	64	127390	52.818	ug/l	97
7) Trichlorofluoromethane	3.267	101	228078	47.538	ug/l	94
8) Diethyl Ether	3.709	74	68824	54.541	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.091	101	140530	50.113	ug/l	97
10) Methyl Iodide	4.291	142	108745	40.558	ug/l	99
11) Tert butyl alcohol	5.214	59	64313	399.825	ug/l #	93
12) 1,1-Dichloroethene	4.067	96	118277	48.605	ug/l	98
13) Acrolein	3.920	56	75889	221.992	ug/l	100
14) Allyl chloride	4.708	41	245358	50.850	ug/l	98
15) Acrylonitrile	5.414	53	200095	300.054	ug/l	98
16) Acetone	4.156	43	259673	321.124	ug/l	98
17) Carbon Disulfide	4.403	76	284931	46.680	ug/l	99
18) Methyl Acetate	4.720	43	165787	71.577	ug/l	99
19) Methyl tert-butyl Ether	5.473	73	371171	57.783	ug/l	97
20) Methylene Chloride	4.956	84	159181	53.419	ug/l	96
21) trans-1,2-Dichloroethene	5.467	96	138315	49.772	ug/l	100
22) Diisopropyl ether	6.361	45	572314	55.083	ug/l	96
23) Vinyl Acetate	6.303	43	1418577	292.570	ug/l	99
24) 1,1-Dichloroethane	6.255	63	302265	50.967	ug/l	97
25) 2-Butanone	7.208	43	307227	321.567	ug/l	95
26) 2,2-Dichloropropane	7.202	77	239390	48.070	ug/l	100
27) cis-1,2-Dichloroethene	7.208	96	171519	52.292	ug/l	99
28) Bromochloromethane	7.544	49	162725	56.325	ug/l	97
29) Tetrahydrofuran	7.561	42	178476	324.724	ug/l	99
30) Chloroform	7.702	83	323624	53.364	ug/l	97
31) Cyclohexane	7.979	56	236604	48.809	ug/l #	96
32) 1,1,1-Trichloroethane	7.897	97	269931	50.500	ug/l	100
36) 1,1-Dichloropropene	8.108	75	215336	49.784	ug/l	99
37) Ethyl Acetate	7.291	43	118263	58.910	ug/l	95
38) Carbon Tetrachloride	8.091	117	230850	52.701	ug/l	97
39) Methylcyclohexane	9.349	83	231677	49.587	ug/l	95
40) Benzene	8.344	78	619858	52.011	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	74582	60.026	ug/l	98
42) 1,2-Dichloroethane	8.420	62	220553	54.671	ug/l	98
43) Isopropyl Acetate	8.449	43	233764	61.860	ug/l	98
44) Trichloroethene	9.108	130	156544	51.041	ug/l	92
45) 1,2-Dichloropropane	9.379	63	176630	54.826	ug/l	98
46) Dibromomethane	9.473	93	96434	58.481	ug/l	98
47) Bromodichloromethane	9.655	83	252180	55.702	ug/l	94
48) Methyl methacrylate	9.449	41	120579	63.142	ug/l	93
49) 1,4-Dioxane	9.455	88	23740	1435.990	ug/l	96
51) 4-Methyl-2-Pentanone	10.220	43	670190	335.751	ug/l	100
52) Toluene	10.396	92	400946	53.447	ug/l	99
53) t-1,3-Dichloropropene	10.614	75	230050	57.926	ug/l	99
54) cis-1,3-Dichloropropene	10.085	75	254230	54.292	ug/l	98
55) 1,1,2-Trichloroethane	10.791	97	130453	60.346	ug/l	97
56) Ethyl methacrylate	10.655	69	172051	64.931	ug/l	94
57) 1,3-Dichloropropane	10.938	76	230254	57.639	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.938	63	465487	318.220	ug/l	100
59) 2-Hexanone	10.979	43	495908	355.702	ug/l	98
60) Dibromochloromethane	11.132	129	162138	58.924	ug/l	99
61) 1,2-Dibromoethane	11.238	107	122583	59.270	ug/l	98
64) Tetrachloroethene	10.867	164	132833	50.506	ug/l	98
65) Chlorobenzene	11.661	112	427194	49.860	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.732	131	166235	51.170	ug/l	99
67) Ethyl Benzene	11.738	91	799221	50.811	ug/l	98
68) m/p-Xylenes	11.843	106	607612	103.863	ug/l	98
69) o-Xylene	12.173	106	287257	51.878	ug/l	98
70) Styrene	12.185	104	508645	53.593	ug/l	99
71) Bromoform	12.349	173	93771	59.113	ug/l #	100
73) Isopropylbenzene	12.467	105	779492	48.230	ug/l	98
74) N-amyl acetate	12.279	43	228406	57.613	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.720	83	156165	54.528	ug/l	96
76) 1,2,3-Trichloropropane	12.773	75	104760m	48.206	ug/l	
77) Bromobenzene	12.749	156	171922	49.245	ug/l	96
78) n-propylbenzene	12.808	91	989655	48.688	ug/l	100
79) 2-Chlorotoluene	12.896	91	554036	48.361	ug/l	99
80) 1,3,5-Trimethylbenzene	12.949	105	659092	48.807	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.520	75	45389	58.228	ug/l	94
82) 4-Chlorotoluene	12.996	91	586762	49.368	ug/l	100
83) tert-Butylbenzene	13.214	119	560471	48.572	ug/l	98
84) 1,2,4-Trimethylbenzene	13.255	105	656094	49.130	ug/l	99
85) sec-Butylbenzene	13.390	105	859418	48.627	ug/l	100
86) p-Isopropyltoluene	13.502	119	718465	49.513	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	355909	49.400	ug/l	98
88) 1,4-Dichlorobenzene	13.584	146	353919	48.151	ug/l	99
89) n-Butylbenzene	13.832	91	702926	48.372	ug/l	99
90) Hexachloroethane	14.096	117	141273	49.209	ug/l	100
91) 1,2-Dichlorobenzene	13.873	146	315882	51.158	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.490	75	27498	59.738	ug/l	98
93) 1,2,4-Trichlorobenzene	15.143	180	188592	52.998	ug/l	99
94) Hexachlorobutadiene	15.249	225	99764	47.823	ug/l	99
95) Naphthalene	15.384	128	370696	58.837	ug/l	99
96) 1,2,3-Trichlorobenzene	15.579	180	164258	54.172	ug/l	98

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

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