

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011222\
 Data File : VD071678.D
 Acq On : 12 Jan 2022 10:48
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 01/13/2022
 Supervised By : Mahesh Dadoda 01/13/2022

Quant Time: Jan 13 05:27:17 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	7.979	168	294596	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	488899	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	462460	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	224057	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	192352	50.744	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 101.480%			
35) Dibromofluoromethane	7.914	113	164996	51.066	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 102.140%			
50) Toluene-d8	10.337	98	644797	53.312	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 106.620%			
62) 4-Bromofluorobenzene	12.625	95	221053	51.868	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 103.740%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	112008	50.173	ug/l	97
3) Chloromethane	2.214	50	149602	51.135	ug/l	100
4) Vinyl Chloride	2.355	62	172806	47.178	ug/l	95
5) Bromomethane	2.779	94	122232	49.953	ug/l	96
6) Chloroethane	2.926	64	126566	48.488	ug/l	96
7) Trichlorofluoromethane	3.285	101	245510	47.282	ug/l	97
8) Diethyl Ether	3.714	74	66818	48.927	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.102	101	147506	48.602	ug/l	99
10) Methyl Iodide	4.308	142	135024	46.531	ug/l	100
11) Tert butyl alcohol	5.214	59	53540	293.747	ug/l #	89
12) 1,1-Dichloroethene	4.079	96	123423	46.864	ug/l	93
13) Acrolein	3.926	56	95174	257.244	ug/l	100
14) Allyl chloride	4.726	41	261166	50.012	ug/l	99
15) Acrylonitrile	5.420	53	187091	259.229	ug/l	99
16) Acetone	4.155	43	243537	278.278	ug/l	95
17) Carbon Disulfide	4.414	76	309469	46.844	ug/l	100
18) Methyl Acetate	4.720	43	130633	51.997	ug/l	99
19) Methyl tert-butyl Ether	5.479	73	356094	51.222	ug/l	95
20) Methylene Chloride	4.967	84	159626	49.293	ug/l	94
21) trans-1,2-Dichloroethene	5.473	96	146543	48.725	ug/l	95
22) Diisopropyl ether	6.367	45	597275	53.116	ug/l	98
23) Vinyl Acetate	6.308	43	1459404	278.112	ug/l	97
24) 1,1-Dichloroethane	6.261	63	318545	49.629	ug/l	98
25) 2-Butanone	7.208	43	282144	272.866	ug/l	98
26) 2,2-Dichloropropane	7.208	77	271515	50.377	ug/l	99
27) cis-1,2-Dichloroethene	7.208	96	179153	50.468	ug/l	99
28) Bromochloromethane	7.543	49	157718	50.442	ug/l	98
29) Tetrahydrofuran	7.561	42	158515	266.485	ug/l	99
30) Chloroform	7.708	83	334265	50.929	ug/l	98
31) Cyclohexane	7.984	56	251892	48.018	ug/l	98
32) 1,1,1-Trichloroethane	7.902	97	295080	51.009	ug/l	98
36) 1,1-Dichloropropene	8.114	75	232616	50.471	ug/l	99
37) Ethyl Acetate	7.290	43	112584	52.632	ug/l	96
38) Carbon Tetrachloride	8.096	117	243142	52.093	ug/l	98
39) Methylcyclohexane	9.355	83	248684	49.954	ug/l	96
40) Benzene	8.349	78	660686	52.027	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	73295	55.450	ug/l	96
42) 1,2-Dichloroethane	8.426	62	224721	52.278	ug/l	98
43) Isopropyl Acetate	8.449	43	220073	54.655	ug/l	99
44) Trichloroethene	9.108	130	160195	49.019	ug/l	94
45) 1,2-Dichloropropane	9.384	63	181941	53.001	ug/l	94
46) Dibromomethane	9.473	93	92560	52.679	ug/l	99
47) Bromodichloromethane	9.661	83	257182	53.313	ug/l	95
48) Methyl methacrylate	9.455	41	102426	50.337	ug/l	99
49) 1,4-Dioxane	9.461	88	19515	1107.822	ug/l	98
51) 4-Methyl-2-Pentanone	10.226	43	592048	278.360	ug/l	100
52) Toluene	10.402	92	426251	53.326	ug/l	99
53) t-1,3-Dichloropropene	10.614	75	237337	56.086	ug/l	98
54) cis-1,3-Dichloropropene	10.084	75	273398	54.794	ug/l	99
55) 1,1,2-Trichloroethane	10.796	97	127020	55.144	ug/l	94
56) Ethyl methacrylate	10.655	69	159121	56.357	ug/l	99
57) 1,3-Dichloropropane	10.937	76	229639	53.949	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.937	63	452400	290.251	ug/l	99
59) 2-Hexanone	10.978	43	439257	295.688	ug/l	98
60) Dibromochloromethane	11.131	129	159601	54.435	ug/l	100
61) 1,2-Dibromoethane	11.237	107	118188	53.630	ug/l	99
64) Tetrachloroethene	10.873	164	137964	50.787	ug/l	98
65) Chlorobenzene	11.667	112	452063	51.083	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.737	131	172204	51.320	ug/l	98
67) Ethyl Benzene	11.737	91	847901	52.190	ug/l	99
68) m/p-Xylenes	11.849	106	634475	105.003	ug/l	100
69) o-Xylene	12.172	106	300241	52.497	ug/l	98
70) Styrene	12.190	104	525935	53.651	ug/l	99
71) Bromoform	12.349	173	88128	53.787	ug/l #	100
73) Isopropylbenzene	12.472	105	816794	50.728	ug/l	98
74) N-amyl acetate	12.284	43	205959	52.146	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.725	83	146311	51.279	ug/l	98
76) 1,2,3-Trichloropropane	12.772	75	105973m	48.948	ug/l	
77) Bromobenzene	12.755	156	175155	50.360	ug/l	98
78) n-propylbenzene	12.814	91	1024860	50.610	ug/l	99
79) 2-Chlorotoluene	12.902	91	570807	50.012	ug/l	100
80) 1,3,5-Trimethylbenzene	12.955	105	684414	50.873	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.520	75	43310	55.770	ug/l	94
82) 4-Chlorotoluene	12.996	91	604745	51.073	ug/l	99
83) tert-Butylbenzene	13.214	119	581437	50.579	ug/l	98
84) 1,2,4-Trimethylbenzene	13.261	105	684473	51.448	ug/l	99
85) sec-Butylbenzene	13.390	105	902837	51.276	ug/l	99
86) p-Isopropyltoluene	13.508	119	746111	51.612	ug/l	99
87) 1,3-Dichlorobenzene	13.508	146	361843	50.412	ug/l	99
88) 1,4-Dichlorobenzene	13.584	146	356706	48.713	ug/l	99
89) n-Butylbenzene	13.831	91	734008	50.701	ug/l	99
90) Hexachloroethane	14.102	117	146946	51.378	ug/l	99
91) 1,2-Dichlorobenzene	13.878	146	313414	50.949	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.496	75	22953	50.052	ug/l	93
93) 1,2,4-Trichlorobenzene	15.149	180	185735	52.392	ug/l	99
94) Hexachlorobutadiene	15.255	225	102160	49.155	ug/l	99
95) Naphthalene	15.384	128	337537	53.776	ug/l	98
96) 1,2,3-Trichlorobenzene	15.578	180	155294	51.408	ug/l	98

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

