

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD010422\
 Data File : VD071582.D
 Acq On : 04 Jan 2022 09:33
 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 01/05/2022
 Supervised By :Mahesh Dadoda 01/05/2022

Quant Time: Jan 04 15:38:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122221S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 23 08:20:24 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	302563	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	508566	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	479571	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	236488	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	213061	53.023	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 106.040%			
35) Dibromofluoromethane	7.914	113	187388	54.825	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 109.640%			
50) Toluene-d8	10.338	98	698978	54.115	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 108.220%			
62) 4-Bromofluorobenzene	12.626	95	251193	54.728	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 109.460%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	143094	45.135	ug/l	98
3) Chloromethane	2.215	50	184749	45.510	ug/l	98
4) Vinyl Chloride	2.356	62	215694	44.337	ug/l	97
5) Bromomethane	2.773	94	151605	44.546	ug/l	94
6) Chloroethane	2.926	64	154456	47.841	ug/l	88
7) Trichlorofluoromethane	3.279	101	297491	49.952	ug/l	98
8) Diethyl Ether	3.715	74	79203	46.454	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.103	101	179404	51.779	ug/l	95
10) Methyl Iodide	4.303	142	187160	55.546	ug/l	94
11) Tert butyl alcohol	5.209	59	43722	120.020	ug/l #	93
12) 1,1-Dichloroethene	4.073	96	155406	49.301	ug/l	83
13) Acrolein	3.926	56	26071	134.310	ug/l	98
14) Allyl chloride	4.714	41	313221	52.534	ug/l #	79
15) Acrylonitrile	5.414	53	202844	241.584	ug/l	97
16) Acetone	4.150	43	278466	275.897	ug/l	89
17) Carbon Disulfide	4.414	76	426360	41.512	ug/l	96
18) Methyl Acetate	4.714	43	146551	47.043	ug/l	94
19) Methyl tert-butyl Ether	5.473	73	399743	49.125	ug/l	95
20) Methylene Chloride	4.967	84	201738	53.198	ug/l	91
21) trans-1,2-Dichloroethene	5.479	96	183855	50.357	ug/l	91
22) Diisopropyl ether	6.356	45	656115	54.057	ug/l #	88
23) Vinyl Acetate	6.303	43	1622190	259.257	ug/l	97
24) 1,1-Dichloroethane	6.261	63	372412	53.521	ug/l	99
25) 2-Butanone	7.208	43	292844	242.908	ug/l #	84
26) 2,2-Dichloropropane	7.208	77	316686	55.390	ug/l	97
27) cis-1,2-Dichloroethene	7.208	96	212046	52.508	ug/l	90
28) Bromochloromethane	7.550	49	140371	49.228	ug/l	89
29) Tetrahydrofuran	7.561	42	171120	236.405	ug/l	91
30) Chloroform	7.708	83	382013	54.410	ug/l	98
31) Cyclohexane	7.985	56	314677	46.099	ug/l	97
32) 1,1,1-Trichloroethane	7.903	97	337868	54.260	ug/l	95
36) 1,1-Dichloropropene	8.108	75	284238	52.052	ug/l	97
37) Ethyl Acetate	7.291	43	120516	47.805	ug/l #	92
38) Carbon Tetrachloride	8.097	117	292403	54.275	ug/l	96
39) Methylcyclohexane	9.349	83	304132	47.578	ug/l	96
40) Benzene	8.350	78	762551	51.946	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	70337m	46.972	ug/l	
42) 1,2-Dichloroethane	8.420	62	245865	51.362	ug/l	93
43) Isopropyl Acetate	8.450	43	235746	47.121	ug/l	90
44) Trichloroethene	9.108	130	199935	52.265	ug/l	94
45) 1,2-Dichloropropane	9.385	63	205813	54.031	ug/l	100
46) Dibromomethane	9.473	93	106181	50.455	ug/l	93
47) Bromodichloromethane	9.655	83	288742	54.041	ug/l	95
48) Methyl methacrylate	9.449	41	122644	49.539	ug/l #	80
49) 1,4-Dioxane	9.461	88	20585	865.594	ug/l #	90
51) 4-Methyl-2-Pentanone	10.226	43	639158	242.830	ug/l	89
52) Toluene	10.402	92	501481	53.777	ug/l	98
53) t-1,3-Dichloropropene	10.614	75	263987	52.910	ug/l	100
54) cis-1,3-Dichloropropene	10.085	75	308300	53.473	ug/l #	79
55) 1,1,2-Trichloroethane	10.796	97	140451	52.579	ug/l	94
56) Ethyl methacrylate	10.655	69	174558	49.658	ug/l #	69
57) 1,3-Dichloropropane	10.944	76	252057	51.514	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.938	63	425447	252.666	ug/l	99
59) 2-Hexanone	10.979	43	481840	258.982	ug/l	87
60) Dibromochloromethane	11.132	129	177240	52.782	ug/l	98
61) 1,2-Dibromoethane	11.238	107	130402	49.287	ug/l	96
64) Tetrachloroethene	10.873	164	164285	49.296	ug/l	94
65) Chlorobenzene	11.667	112	514605	52.313	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.738	131	196992	54.816	ug/l	98
67) Ethyl Benzene	11.738	91	1009306	55.131	ug/l	97
68) m/p-Xylenes	11.849	106	756649	108.787	ug/l	94
69) o-Xylene	12.173	106	352036	55.372	ug/l	95
70) Styrene	12.185	104	614089	55.601	ug/l	96
71) Bromoform	12.355	173	98571	50.688	ug/l #	99
73) Isopropylbenzene	12.473	105	970614	53.236	ug/l	98
74) N-amyl acetate	12.279	43	228433	46.699	ug/l	89
75) 1,1,2,2-Tetrachloroethane	12.720	83	160476	48.684	ug/l	99
76) 1,2,3-Trichloropropane	12.773	75	137442m	48.913	ug/l	
77) Bromobenzene	12.755	156	204771	50.473	ug/l	95
78) n-propylbenzene	12.814	91	1212895	53.073	ug/l	100
79) 2-Chlorotoluene	12.896	91	670980	52.537	ug/l	99
80) 1,3,5-Trimethylbenzene	12.949	105	813412	54.089	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.520	75	45340	45.592	ug/l #	72
82) 4-Chlorotoluene	12.996	91	699367	52.792	ug/l	100
83) tert-Butylbenzene	13.214	119	679589	52.885	ug/l	94
84) 1,2,4-Trimethylbenzene	13.261	105	807577	54.259	ug/l	97
85) sec-Butylbenzene	13.390	105	1066269	54.428	ug/l	99
86) p-Isopropyltoluene	13.508	119	879526	54.108	ug/l	97
87) 1,3-Dichlorobenzene	13.508	146	423583	51.843	ug/l	98
88) 1,4-Dichlorobenzene	13.585	146	413994	51.675	ug/l	98
89) n-Butylbenzene	13.832	91	862052	54.032	ug/l	99
90) Hexachloroethane	14.102	117	167828	54.502	ug/l	91
91) 1,2-Dichlorobenzene	13.879	146	354049	51.058	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.490	75	25921	45.345	ug/l	93
93) 1,2,4-Trichlorobenzene	15.149	180	212534	50.296	ug/l	98
94) Hexachlorobutadiene	15.255	225	118968	52.555	ug/l	98
95) Naphthalene	15.384	128	379490	47.181	ug/l	99
96) 1,2,3-Trichlorobenzene	15.579	180	178807	48.922	ug/l	97

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

