

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020122\
 Data File : VD071861.D
 Acq On : 01 Feb 2022 09:22
 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 : John Carlone 02/02/2022
 Supervised By : Semsettin Yesilyurt 02/02/2022

Quant Time: Feb 02 07:04:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012622S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 27 06:04:38 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	380027	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	638066	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	588558	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	280031	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	261411	54.423	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 108.840%			
35) Dibromofluoromethane	7.914	113	230564	54.972	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 109.940%			
50) Toluene-d8	10.338	98	883841	56.425	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 112.860%			
62) 4-Bromofluorobenzene	12.626	95	303551	55.493	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 110.980%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	213050	47.276	ug/l	95
3) Chloromethane	2.215	50	267267	49.536	ug/l	98
4) Vinyl Chloride	2.362	62	286478	50.716	ug/l	97
5) Bromomethane	2.779	94	198577	53.280	ug/l	97
6) Chloroethane	2.932	64	187787	52.459	ug/l	99
7) Trichlorofluoromethane	3.285	101	410730	50.737	ug/l	99
8) Diethyl Ether	3.715	74	102920	48.184	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.109	101	230076	50.378	ug/l	99
10) Methyl Iodide	4.309	142	251436	53.703	ug/l	98
11) Tert butyl alcohol	5.215	59	51903	167.705	ug/l #	74
12) 1,1-Dichloroethene	4.073	96	217743	52.153	ug/l	98
13) Acrolein	3.926	56	89526	209.843	ug/l	98
14) Allyl chloride	4.720	41	417637	52.478	ug/l	98
15) Acrylonitrile	5.420	53	268428	247.263	ug/l	98
16) Acetone	4.156	43	346802	263.754	ug/l	99
17) Carbon Disulfide	4.420	76	754521	51.828	ug/l	98
18) Methyl Acetate	4.720	43	120677	42.449	ug/l	99
19) Methyl tert-butyl Ether	5.485	73	497403	49.800	ug/l	96
20) Methylene Chloride	4.967	84	242073	50.474	ug/l	98
21) trans-1,2-Dichloroethene	5.479	96	255219	52.509	ug/l	98
22) Diisopropyl ether	6.367	45	840656	53.895	ug/l	99
23) Vinyl Acetate	6.309	43	2320401	269.664	ug/l	98
24) 1,1-Dichloroethane	6.267	63	482540	53.076	ug/l	99
25) 2-Butanone	7.214	43	388680	253.568	ug/l	98
26) 2,2-Dichloropropane	7.214	77	399744	53.133	ug/l	100
27) cis-1,2-Dichloroethene	7.214	96	271100	51.931	ug/l	96
28) Bromochloromethane	7.544	49	173573	50.617	ug/l	98
29) Tetrahydrofuran	7.561	42	221072	243.749	ug/l	99
30) Chloroform	7.709	83	484486	52.161	ug/l	99
31) Cyclohexane	7.985	56	464307	50.633	ug/l	97
32) 1,1,1-Trichloroethane	7.909	97	430397	52.535	ug/l	98
36) 1,1-Dichloropropene	8.114	75	384974	53.478	ug/l	99
37) Ethyl Acetate	7.291	43	160475	47.948	ug/l	97
38) Carbon Tetrachloride	8.097	117	375616	52.762	ug/l	98
39) Methylcyclohexane	9.355	83	442836	53.091	ug/l	98
40) Benzene	8.350	78	1041028	53.573	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	96685	51.063	ug/l	96
42) 1,2-Dichloroethane	8.420	62	321903	52.461	ug/l	100
43) Isopropyl Acetate	8.450	43	299985	49.870	ug/l	100
44) Trichloroethene	9.114	130	265428	52.903	ug/l	97
45) 1,2-Dichloropropane	9.385	63	265816	53.052	ug/l	94
46) Dibromomethane	9.473	93	136270	51.942	ug/l	99
47) Bromodichloromethane	9.661	83	361889	52.158	ug/l	98
48) Methyl methacrylate	9.455	41	156144	49.047	ug/l	96
49) 1,4-Dioxane	9.461	88	26430	882.627	ug/l	98
51) 4-Methyl-2-Pentanone	10.226	43	786788	249.942	ug/l	100
52) Toluene	10.402	92	656542	54.334	ug/l	99
53) t-1,3-Dichloropropene	10.620	75	334487	52.489	ug/l	100
54) cis-1,3-Dichloropropene	10.085	75	390594	52.290	ug/l	98
55) 1,1,2-Trichloroethane	10.797	97	177809	51.067	ug/l	96
56) Ethyl methacrylate	10.655	69	218956	50.790	ug/l	98
57) 1,3-Dichloropropane	10.944	76	319775	51.444	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.938	63	470878	232.029	ug/l	99
59) 2-Hexanone	10.979	43	611371	267.587	ug/l	97
60) Dibromochloromethane	11.132	129	221871	51.602	ug/l	100
61) 1,2-Dibromoethane	11.244	107	169296	50.465	ug/l	100
64) Tetrachloroethene	10.873	164	220032	52.852	ug/l	98
65) Chlorobenzene	11.667	112	657205	52.782	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.738	131	241640	53.345	ug/l	99
67) Ethyl Benzene	11.738	91	1262322	55.096	ug/l	99
68) m/p-Xylenes	11.849	106	967879	111.065	ug/l	99
69) o-Xylene	12.173	106	444115	56.079	ug/l	98
70) Styrene	12.191	104	759112	55.611	ug/l	99
71) Bromoform	12.355	173	120587	49.859	ug/l #	99
73) Isopropylbenzene	12.473	105	1179770	54.407	ug/l	99
74) N-amyl acetate	12.285	43	274588	51.492	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.720	83	194476	48.464	ug/l	97
76) 1,2,3-Trichloropropane	12.773	75	145181m	49.194	ug/l	
77) Bromobenzene	12.755	156	250776	51.990	ug/l	96
78) n-propylbenzene	12.814	91	1504701	55.340	ug/l	100
79) 2-Chlorotoluene	12.902	91	826487	53.640	ug/l	100
80) 1,3,5-Trimethylbenzene	12.955	105	998503	55.517	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.520	75	58439	48.688	ug/l	99
82) 4-Chlorotoluene	12.996	91	877926	54.766	ug/l	99
83) tert-Butylbenzene	13.214	119	846132	56.765	ug/l	99
84) 1,2,4-Trimethylbenzene	13.261	105	983644	55.597	ug/l	100
85) sec-Butylbenzene	13.391	105	1285325	55.109	ug/l	100
86) p-Isopropyltoluene	13.508	119	1065581	56.224	ug/l	100
87) 1,3-Dichlorobenzene	13.508	146	513382	52.414	ug/l	99
88) 1,4-Dichlorobenzene	13.585	146	500601	51.211	ug/l	100
89) n-Butylbenzene	13.832	91	1029672	55.375	ug/l	99
90) Hexachloroethane	14.102	117	203942	54.135	ug/l	98
91) 1,2-Dichlorobenzene	13.879	146	440158	52.512	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.491	75	32538	48.961	ug/l	97
93) 1,2,4-Trichlorobenzene	15.149	180	254471	51.969	ug/l	99
94) Hexachlorobutadiene	15.255	225	138411	51.840	ug/l	99
95) Naphthalene	15.385	128	454423	46.810	ug/l	99
96) 1,2,3-Trichlorobenzene	15.585	180	217206	51.752	ug/l	100

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Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : VD071861.D
Acq On : 01 Feb 2022 09:22
Operator : VA/SY
Sample : VSTDC050
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDC050

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