

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062422\
 Data File : VD073699.D
 Acq On : 24 Jun 2022 20:52
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 06/28/2022
 Supervised By :Semsettin Yesilyurt 06/28/2022

Quant Time: Jun 25 07:25:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062322S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 24 07:36:47 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	184457	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	305144	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	309883	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	171438	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	125286	55.301	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 110.600%			
35) Dibromofluoromethane	7.908	113	122637	51.592	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 103.180%			
50) Toluene-d8	10.332	98	412632	48.346	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 96.700%			
62) 4-Bromofluorobenzene	12.620	95	171069	53.440	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 106.880%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	68701	41.759	ug/l	95
3) Chloromethane	2.208	50	69525	45.798	ug/l	97
4) Vinyl Chloride	2.344	62	68243	41.073	ug/l	93
5) Bromomethane	2.756	94	51388	46.374	ug/l	100
6) Chloroethane	2.914	64	49184	43.949	ug/l #	87
7) Trichlorofluoromethane	3.267	101	165008	42.458	ug/l	95
8) Diethyl Ether	3.708	74	58179	58.377	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.091	101	98016	43.971	ug/l	99
10) Methyl Iodide	4.291	142	94164	44.380	ug/l	96
11) Tert butyl alcohol	5.220	59	50426	166.063	ug/l #	100
12) 1,1-Dichloroethene	4.061	96	86487	45.628	ug/l	92
13) Acrolein	3.914	56	10834	282.997	ug/l	92
14) Allyl chloride	4.708	41	138475	49.551	ug/l	99
15) Acrylonitrile	5.414	53	147631	309.490	ug/l	99
16) Acetone	4.155	43	107310	295.758	ug/l	95
17) Carbon Disulfide	4.402	76	208513	43.597	ug/l	96
18) Methyl Acetate	4.714	43	62843	60.341	ug/l	99
19) Methyl tert-butyl Ether	5.473	73	300261	60.829	ug/l	99
20) Methylene Chloride	4.955	84	131684	57.398	ug/l	92
21) trans-1,2-Dichloroethene	5.467	96	110722	49.100	ug/l	94
22) Diisopropyl ether	6.355	45	378911	60.391	ug/l	96
23) Vinyl Acetate	6.297	43	1071395	325.712	ug/l	99
24) 1,1-Dichloroethane	6.255	63	217936	52.153	ug/l	99
25) 2-Butanone	7.202	43	175929	308.143	ug/l	100
26) 2,2-Dichloropropane	7.202	77	181503	46.110	ug/l	98
27) cis-1,2-Dichloroethene	7.202	96	143874	54.252	ug/l	98
28) Bromochloromethane	7.544	49	94165	63.851	ug/l	95
29) Tetrahydrofuran	7.561	42	115871	333.841	ug/l	100
30) Chloroform	7.702	83	253332	53.860	ug/l	99
31) Cyclohexane	7.985	56	143916	42.344	ug/l	93
32) 1,1,1-Trichloroethane	7.896	97	208029	49.241	ug/l	100
36) 1,1-Dichloropropene	8.108	75	151880	45.515	ug/l	99
37) Ethyl Acetate	7.285	43	82899	63.297	ug/l	97
38) Carbon Tetrachloride	8.085	117	174717	44.970	ug/l	92
39) Methylcyclohexane	9.349	83	156489	42.238	ug/l	96
40) Benzene	8.343	78	488938	50.616	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	50532	63.914	ug/l	99
42) 1,2-Dichloroethane	8.414	62	158782	54.557	ug/l	99
43) Isopropyl Acetate	8.443	43	160535	62.468	ug/l	99
44) Trichloroethene	9.102	130	132806	47.866	ug/l	99
45) 1,2-Dichloropropane	9.379	63	133997	55.331	ug/l	100
46) Dibromomethane	9.467	93	77741	55.299	ug/l	97
47) Bromodichloromethane	9.655	83	202463	54.947	ug/l	94
48) Methyl methacrylate	9.449	41	78062	59.854	ug/l	99
49) 1,4-Dioxane	9.449	88	20564	1310.046	ug/l	98
51) 4-Methyl-2-Pentanone	10.220	43	428954	324.814	ug/l	99
52) Toluene	10.396	92	323397	51.095	ug/l	100
53) t-1,3-Dichloropropene	10.614	75	185714	55.403	ug/l	98
54) cis-1,3-Dichloropropene	10.079	75	205294	53.800	ug/l	97
55) 1,1,2-Trichloroethane	10.790	97	114841	57.949	ug/l	97
56) Ethyl methacrylate	10.649	69	136811	61.251	ug/l	98
57) 1,3-Dichloropropane	10.937	76	190393	58.266	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.932	63	259945	299.892	ug/l	98
59) 2-Hexanone	10.973	43	299431	335.849	ug/l	98
60) Dibromochloromethane	11.132	129	147544	56.493	ug/l	94
61) 1,2-Dibromoethane	11.237	107	108803	58.001	ug/l	98
64) Tetrachloroethene	10.867	164	105633	43.051	ug/l	94
65) Chlorobenzene	11.661	112	370780	48.888	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.732	131	155090	50.892	ug/l	99
67) Ethyl Benzene	11.737	91	636565	48.093	ug/l	99
68) m/p-Xylenes	11.843	106	492556	96.299	ug/l	98
69) o-Xylene	12.173	106	235431	49.625	ug/l	99
70) Styrene	12.184	104	429963	51.790	ug/l	99
71) Bromoform	12.349	173	91009	54.863	ug/l #	98
73) Isopropylbenzene	12.467	105	614470	43.894	ug/l	100
74) N-amyl acetate	12.279	43	157277	54.905	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.720	83	140199	53.083	ug/l	100
76) 1,2,3-Trichloropropane	12.767	75	96709m	57.967	ug/l	
77) Bromobenzene	12.749	156	161178	47.878	ug/l	97
78) n-propylbenzene	12.808	91	760411	44.441	ug/l	99
79) 2-Chlorotoluene	12.896	91	462566	46.410	ug/l	99
80) 1,3,5-Trimethylbenzene	12.949	105	544436	45.365	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.514	75	42187	51.624	ug/l	96
82) 4-Chlorotoluene	12.990	91	488160	46.071	ug/l	99
83) tert-Butylbenzene	13.208	119	470456	44.596	ug/l	99
84) 1,2,4-Trimethylbenzene	13.255	105	549951	46.651	ug/l	100
85) sec-Butylbenzene	13.384	105	673095	43.381	ug/l	99
86) p-Isopropyltoluene	13.502	119	567830	43.960	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	319963	45.641	ug/l	100
88) 1,4-Dichlorobenzene	13.578	146	320847	46.243	ug/l	99
89) n-Butylbenzene	13.826	91	519145	42.922	ug/l	98
90) Hexachloroethane	14.096	117	115136	43.242	ug/l	96
91) 1,2-Dichlorobenzene	13.873	146	290902	48.228	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.484	75	22235	50.430	ug/l	97
93) 1,2,4-Trichlorobenzene	15.143	180	171799	47.692	ug/l	99
94) Hexachlorobutadiene	15.249	225	86747	42.470	ug/l	96
95) Naphthalene	15.378	128	350037	54.359	ug/l	100
96) 1,2,3-Trichlorobenzene	15.573	180	156806	49.829	ug/l	97

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

