

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD053122\
 Data File : VD073438.D
 Acq On : 31 May 2022 21:42
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Krupa
 Patel

Quant Time: Jun 01 01:40:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051922S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 19 15:13:42 2022
 Response via : Initial Calibration

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

Internal Standards						06/01/2022
1) Pentafluorobenzene	7.973	168	272592	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	455340	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	451160	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	236990	50.000	ug/l	0.00
System Monitoring Compounds						06/01/2022
33) 1,2-Dichloroethane-d4	8.326	65	168022	55.774	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.540%
35) Dibromofluoromethane	7.902	113	169525	56.421	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	112.840%
50) Toluene-d8	10.332	98	600555	54.222	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	108.440%
62) 4-Bromofluorobenzene	12.620	95	229487	59.040	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	118.080%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.991	85	152676	56.052	ug/l	99
3) Chloromethane	2.203	50	144274	46.842	ug/l	95
4) Vinyl Chloride	2.338	62	133296	47.329	ug/l	99
5) Bromomethane	2.750	94	88992	49.226	ug/l	96
6) Chloroethane	2.909	64	86608	50.023	ug/l	99
7) Trichlorofluoromethane	3.256	101	267698	53.755	ug/l	97
8) Diethyl Ether	3.703	74	79134	57.828	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.085	101	154089	51.858	ug/l	94
10) Methyl Iodide	4.285	142	161902	50.503	ug/l	98
11) Tert butyl alcohol	5.220	59	61248	131.042	ug/l	95
12) 1,1-Dichloroethene	4.056	96	143516	52.388	ug/l	94
13) Acrolein	3.914	56	38720	206.701	ug/l	98
14) Allyl chloride	4.703	41	226624	51.250	ug/l #	90
15) Acrylonitrile	5.420	53	192423	307.508	ug/l	98
16) Acetone	4.150	43	140260	268.800	ug/l	90
17) Carbon Disulfide	4.397	76	476696	52.491	ug/l	98
18) Methyl Acetate	4.714	43	93216	64.244	ug/l	91
19) Methyl tert-butyl Ether	5.473	73	381899	61.193	ug/l	96
20) Methylene Chloride	4.955	84	197331	60.457	ug/l	87
21) trans-1,2-Dichloroethene	5.461	96	182429	55.077	ug/l	87
22) Diisopropyl ether	6.361	45	512661	55.305	ug/l #	90
23) Vinyl Acetate	6.297	43	1460675	295.415	ug/l #	93
24) 1,1-Dichloroethane	6.250	63	315670	53.053	ug/l	98
25) 2-Butanone	7.208	43	231432	303.154	ug/l	94
26) 2,2-Dichloropropane	7.202	77	230920	45.508	ug/l	97
27) cis-1,2-Dichloroethene	7.202	96	198878	54.263	ug/l	89
28) Bromochloromethane	7.538	49	105955	51.689	ug/l #	77
29) Tetrahydrofuran	7.555	42	158890	321.876	ug/l	90
30) Chloroform	7.702	83	332575	53.539	ug/l	98
31) Cyclohexane	7.973	56	254000	48.248	ug/l	91
32) 1,1,1-Trichloroethane	7.896	97	286401	52.715	ug/l	95
36) 1,1-Dichloropropene	8.102	75	239047	52.899	ug/l	96
37) Ethyl Acetate	7.285	43	112215	62.868	ug/l #	94
38) Carbon Tetrachloride	8.085	117	251126	54.822	ug/l	98
39) Methylcyclohexane	9.349	83	269105	53.435	ug/l	98
40) Benzene	8.344	78	718658	55.181	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
41) Methacrylonitrile	7.514	41	56440	54.271	ug/l	#	80
42) 1,2-Dichloroethane	8.414	62	208853	57.634	ug/l		95
43) Isopropyl Acetate	8.444	43	206511	62.594	ug/l	#	93
44) Trichloroethene	9.102	130	192747	55.500	ug/l		96
45) 1,2-Dichloropropane	9.379	63	181165	55.236	ug/l		99
46) Dibromomethane	9.467	93	104243	57.870	ug/l		93
47) Bromodichloromethane	9.649	83	258848	56.160	ug/l		95
48) Methyl methacrylate	9.449	41	107128	64.539	ug/l	#	88
49) 1,4-Dioxane	9.449	88	25473	1369.329	ug/l		96
51) 4-Methyl-2-Pentanone	10.220	43	567115	330.957	ug/l		91
52) Toluene	10.396	92	470542	57.175	ug/l		96
53) t-1,3-Dichloropropene	10.608	75	238241	57.215	ug/l		99
54) cis-1,3-Dichloropropene	10.079	75	276736	55.537	ug/l	#	87
55) 1,1,2-Trichloroethane	10.790	97	149178	61.242	ug/l		98
56) Ethyl methacrylate	10.649	69	180008	66.465	ug/l	#	83
57) 1,3-Dichloropropane	10.932	76	243210	59.505	ug/l		100
58) 2-Chloroethyl Vinyl ether	9.932	63	408263	311.466	ug/l		94
59) 2-Hexanone	10.973	43	390617	345.763	ug/l		92
60) Dibromochloromethane	11.132	129	187386	61.693	ug/l		97
61) 1,2-Dibromoethane	11.238	107	142900	61.392	ug/l		97
64) Tetrachloroethene	10.867	164	154905	52.421	ug/l		96
65) Chlorobenzene	11.661	112	503025	54.349	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.732	131	195227	56.875	ug/l		97
67) Ethyl Benzene	11.732	91	877885	54.032	ug/l		99
68) m/p-Xylenes	11.843	106	701857	111.187	ug/l		98
69) o-Xylene	12.167	106	327266	56.436	ug/l		94
70) Styrene	12.179	104	583140	58.449	ug/l		97
71) Bromoform	12.349	173	108767	61.568	ug/l	#	99
73) Isopropylbenzene	12.467	105	847723	50.176	ug/l		99
74) N-amyl acetate	12.273	43	207238	56.228	ug/l		93
75) 1,1,2,2-Tetrachloroethane	12.714	83	173287	55.613	ug/l		99
76) 1,2,3-Trichloropropane	12.767	75	115710m	49.762	ug/l		
77) Bromobenzene	12.749	156	208341	52.386	ug/l		92
78) n-propylbenzene	12.808	91	1056504	49.811	ug/l		98
79) 2-Chlorotoluene	12.890	91	619356	50.574	ug/l		98
80) 1,3,5-Trimethylbenzene	12.943	105	736720	51.477	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.514	75	52800	54.512	ug/l		86
82) 4-Chlorotoluene	12.990	91	652823	50.858	ug/l		100
83) tert-Butylbenzene	13.208	119	600916	49.820	ug/l		97
84) 1,2,4-Trimethylbenzene	13.255	105	734524	51.952	ug/l		98
85) sec-Butylbenzene	13.384	105	922750	50.102	ug/l		99
86) p-Isopropyltoluene	13.502	119	768421	51.183	ug/l		98
87) 1,3-Dichlorobenzene	13.502	146	418516	52.208	ug/l		99
88) 1,4-Dichlorobenzene	13.579	146	407275	50.330	ug/l		100
89) n-Butylbenzene	13.826	91	714667	49.960	ug/l		99
90) Hexachloroethane	14.090	117	154120	49.613	ug/l		98
91) 1,2-Dichlorobenzene	13.873	146	367426	52.974	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.484	75	27523	57.679	ug/l		89
93) 1,2,4-Trichlorobenzene	15.143	180	214726	54.530	ug/l		99
94) Hexachlorobutadiene	15.249	225	110478	49.788	ug/l		100
95) Naphthalene	15.378	128	430282	55.094	ug/l		99
96) 1,2,3-Trichlorobenzene	15.573	180	198784	56.943	ug/l		99

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

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 Dadoda

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