

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060222\
 Data File : VU048819.D
 Acq On : 02 Jun 2022 21:18
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jun 03 01:20:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U052622W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 27 06:42:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.372	168	226637	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.247	114	393557	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	365778	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	199464	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.700	65	182659	53.666	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 107.340%	
35) Dibromofluoromethane	5.289	113	139215	49.583	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 99.160%	
50) Toluene-d8	7.896	98	512553	50.926	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 101.860%	
62) 4-Bromofluorobenzene	10.632	95	207611	54.543	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 109.080%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.382	85	129161	49.783	ug/l	100
3) Chloromethane	1.520	50	170288	50.985	ug/l	99
4) Vinyl Chloride	1.601	62	165881	53.624	ug/l	95
5) Bromomethane	1.829	94	65361	36.816	ug/l	97
6) Chloroethane	1.909	64	93635	55.395	ug/l	98
7) Trichlorofluoromethane	2.125	101	219875	49.768	ug/l	99
8) Diethyl Ether	2.372	74	90113	55.273	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.572	101	124558	51.505	ug/l	98
10) Methyl Iodide	2.713	142	165202	46.230	ug/l	97
11) Tert butyl alcohol	3.202	59	287092	332.698	ug/l #	35
12) 1,1-Dichloroethene	2.572	96	121641	52.734	ug/l	96
13) Acrolein	2.482	56	78021	273.234	ug/l	100
14) Allyl chloride	2.916	41	250194	56.000	ug/l	96
15) Acrylonitrile	3.308	53	590791	315.674	ug/l	98
16) Acetone	2.623	43	494216	284.918	ug/l	100
17) Carbon Disulfide	2.784	76	302530	44.927	ug/l	99
18) Methyl Acetate	2.945	43	290941	66.805	ug/l	99
19) Methyl tert-butyl Ether	3.359	73	513564	58.677	ug/l	99
20) Methylene Chloride	3.038	84	160775	54.506	ug/l	100
21) trans-1,2-Dichloroethene	3.347	96	132752	50.312	ug/l	92
22) Diisopropyl ether	3.990	45	491132	59.594	ug/l	96
23) Vinyl Acetate	3.951	43	2128452	298.090	ug/l	100
24) 1,1-Dichloroethane	3.864	63	292410	56.494	ug/l	100
25) 2-Butanone	4.697	43	796404	319.598	ug/l	100
26) 2,2-Dichloropropane	4.662	77	191478	41.235	ug/l	98
27) cis-1,2-Dichloroethene	4.665	96	164637	53.906	ug/l	97
28) Bromochloromethane	4.970	49	121672	59.931	ug/l	99
29) Tetrahydrofuran	5.047	42	508745	324.118	ug/l	98
30) Chloroform	5.086	83	290037	56.003	ug/l	99
31) Cyclohexane	5.385	56	226215	52.738	ug/l	99
32) 1,1,1-Trichloroethane	5.314	97	238350	50.728	ug/l	99
36) 1,1-Dichloropropene	5.523	75	189812	46.320	ug/l	98
37) Ethyl Acetate	4.800	43	280341	54.116	ug/l	99
38) Carbon Tetrachloride	5.523	117	209104	44.478	ug/l	99
39) Methylcyclohexane	6.761	83	222088	51.688	ug/l	99
40) Benzene	5.771	78	605933	50.086	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.970	41	153924	58.798	ug/l	98
42) 1,2-Dichloroethane	5.793	62	230349	48.640	ug/l	99
43) Isopropyl Acetate	5.909	43	418885	55.711	ug/l	100
44) Trichloroethene	6.539	130	146318	46.945	ug/l	99
45) 1,2-Dichloropropane	6.790	63	171737	56.387	ug/l	98
46) Dibromomethane	6.916	93	116020	50.987	ug/l	98
47) Bromodichloromethane	7.105	83	228885	49.740	ug/l	100
48) Methyl methacrylate	6.957	41	203906	60.410	ug/l	97
49) 1,4-Dioxane	6.964	88	116741	1547.162	ug/l	97
51) 4-Methyl-2-Pentanone	7.790	43	1588781	325.424	ug/l	100
52) Toluene	7.967	92	376360	52.009	ug/l	98
53) t-1,3-Dichloropropene	8.208	75	246073	49.573	ug/l	100
54) cis-1,3-Dichloropropene	7.607	75	261674	50.872	ug/l	99
55) 1,1,2-Trichloroethane	8.401	97	167642	52.492	ug/l	98
56) Ethyl methacrylate	8.333	69	283428	55.839	ug/l	98
57) 1,3-Dichloropropane	8.575	76	288225	53.622	ug/l	97
58) 2-Chloroethyl Vinyl ether	7.462	63	265129	234.447	ug/l	98
59) 2-Hexanone	8.684	43	1212876	302.604	ug/l	100
60) Dibromochloromethane	8.809	129	173020	48.330	ug/l	100
61) 1,2-Dibromoethane	8.922	107	168446	47.892	ug/l	100
64) Tetrachloroethene	8.552	164	121014	47.590	ug/l	96
65) Chlorobenzene	9.446	112	401275	51.870	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.533	131	158928	54.122	ug/l	98
67) Ethyl Benzene	9.571	91	721101	55.265	ug/l	98
68) m/p-Xylenes	9.694	106	556891	109.126	ug/l	99
69) o-Xylene	10.099	106	283739	56.593	ug/l	99
70) Styrene	10.115	104	477230	57.869	ug/l	100
71) Bromoform	10.292	173	153272	56.453	ug/l #	98
73) Isopropylbenzene	10.485	105	744333	57.802	ug/l	100
74) N-amyl acetate	10.321	43	390822	59.457	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.784	83	334000	63.558	ug/l	98
76) 1,2,3-Trichloropropane	10.825	75	373114	58.016	ug/l	95
77) Bromobenzene	10.784	156	189926	54.918	ug/l	98
78) n-propylbenzene	10.906	91	872165	56.839	ug/l	98
79) 2-Chlorotoluene	10.986	91	544318	57.043	ug/l	99
80) 1,3,5-Trimethylbenzene	11.089	105	659404	58.883	ug/l	100
81) trans-1,4-Dichloro-2-b...	10.546	75	92491	52.218	ug/l	98
82) 4-Chlorotoluene	11.095	91	619693	56.286	ug/l	100
83) tert-Butylbenzene	11.420	119	668841	62.230	ug/l	100
84) 1,2,4-Trimethylbenzene	11.468	105	668067	55.227	ug/l	99
85) sec-Butylbenzene	11.642	105	785626	58.428	ug/l	99
86) p-Isopropyltoluene	11.793	119	690201	59.774	ug/l	99
87) 1,3-Dichlorobenzene	11.745	146	349700	51.574	ug/l	100
88) 1,4-Dichlorobenzene	11.835	146	348902	49.806	ug/l	100
89) n-Butylbenzene	12.208	91	594559	51.379	ug/l	99
90) Hexachloroethane	12.478	117	125841	53.400	ug/l	98
91) 1,2-Dichlorobenzene	12.211	146	371065	54.171	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.996	75	83248	55.019	ug/l	99
93) 1,2,4-Trichlorobenzene	13.841	180	215706	47.989	ug/l	99
94) Hexachlorobutadiene	14.021	225	109702	50.918	ug/l	97
95) Naphthalene	14.086	128	727866	46.544	ug/l	100
96) 1,2,3-Trichlorobenzene	14.330	180	223247	50.145	ug/l	100

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

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