

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060822\
 Data File : VU048952.D
 Acq On : 08 Jun 2022 10:13
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Quant Time: Jun 08 13:09:18 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	195863	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.250	114	319505	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	303566	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	162982	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.700	65	139491	47.422	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.840%
35) Dibromofluoromethane	5.288	113	104802	45.977	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.960%
50) Toluene-d8	7.899	98	345934	42.337	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	84.680%#
62) 4-Bromofluorobenzene	10.632	95	140720	45.538	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.080%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.382	85	90510	40.367	ug/l	100
3) Chloromethane	1.523	50	117116	40.575	ug/l	97
4) Vinyl Chloride	1.604	62	109393	40.919	ug/l	99
5) Bromomethane	1.838	94	63182	41.755	ug/l	100
6) Chloroethane	1.922	64	65486	44.332	ug/l	96
7) Trichlorofluoromethane	2.134	101	158376	41.481	ug/l	97
8) Diethyl Ether	2.375	74	64714	45.930	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.578	101	87681	41.953	ug/l	99
10) Methyl Iodide	2.719	142	133749	43.499	ug/l	99
11) Tert butyl alcohol	3.179	59	209437	280.841	ug/l #	42
12) 1,1-Dichloroethene	2.578	96	82054	41.161	ug/l	98
13) Acrolein	2.481	56	44349	178.236	ug/l	99
14) Allyl chloride	2.922	41	174066	45.082	ug/l	97
15) Acrylonitrile	3.308	53	440191	272.160	ug/l	99
16) Acetone	2.623	43	412270	275.019	ug/l	99
17) Carbon Disulfide	2.790	76	190051	32.658	ug/l	99
18) Methyl Acetate	2.944	43	211644	56.232	ug/l	98
19) Methyl tert-butyl Ether	3.362	73	382079	50.513	ug/l	99
20) Methylene Chloride	3.044	84	115356	45.252	ug/l	97
21) trans-1,2-Dichloroethene	3.350	96	91213	40.000	ug/l	93
22) Diisopropyl ether	3.989	45	367098	51.543	ug/l	97
23) Vinyl Acetate	3.954	43	1616058	261.890	ug/l	100
24) 1,1-Dichloroethane	3.867	63	209871	46.919	ug/l	98
25) 2-Butanone	4.697	43	614025	285.124	ug/l	99
26) 2,2-Dichloropropane	4.665	77	176068	43.874	ug/l	98
27) cis-1,2-Dichloroethene	4.668	96	118097	44.743	ug/l	98
28) Bromochloromethane	4.973	49	92910	52.955	ug/l	100
29) Tetrahydrofuran	5.047	42	370713	273.288	ug/l	99
30) Chloroform	5.086	83	210896	47.120	ug/l	99
31) Cyclohexane	5.388	56	150701	40.654	ug/l	99
32) 1,1,1-Trichloroethane	5.317	97	181910	44.799	ug/l	99
36) 1,1-Dichloropropene	5.526	75	136452	41.016	ug/l	99
37) Ethyl Acetate	4.800	43	212841	50.608	ug/l	99
38) Carbon Tetrachloride	5.526	117	157746	41.331	ug/l	96
39) Methylcyclohexane	6.764	83	145570	41.732	ug/l	98
40) Benzene	5.774	78	426134	43.387	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.970	41	115292	54.248	ug/l	99
42) 1,2-Dichloroethane	5.793	62	180892	47.050	ug/l	99
43) Isopropyl Acetate	5.909	43	311260	50.992	ug/l	100
44) Trichloroethene	6.542	130	104824	41.427	ug/l	99
45) 1,2-Dichloropropane	6.790	63	121478	49.130	ug/l	98
46) Dibromomethane	6.919	93	86850	47.014	ug/l	98
47) Bromodichloromethane	7.105	83	176759	47.315	ug/l	98
48) Methyl methacrylate	6.957	41	147844	53.952	ug/l	98
49) 1,4-Dioxane	6.964	88	72308	1180.399	ug/l	96
51) 4-Methyl-2-Pentanone	7.790	43	1136446	286.724	ug/l	99
52) Toluene	7.970	92	264513	45.025	ug/l	98
53) t-1,3-Dichloropropene	8.211	75	188602	46.801	ug/l	96
54) cis-1,3-Dichloropropene	7.607	75	198642	47.569	ug/l	98
55) 1,1,2-Trichloroethane	8.401	97	124445	47.997	ug/l	99
56) Ethyl methacrylate	8.333	69	194310	47.561	ug/l	99
57) 1,3-Dichloropropane	8.574	76	214121	49.068	ug/l	97
58) 2-Chloroethyl Vinyl ether	7.462	63	158135	180.140	ug/l	97
59) 2-Hexanone	8.684	43	910586	279.839	ug/l	99
60) Dibromochloromethane	8.809	129	139452	47.982	ug/l	99
61) 1,2-Dibromoethane	8.922	107	132762	46.495	ug/l	98
64) Tetrachloroethene	8.552	164	91195	43.109	ug/l	98
65) Chlorobenzene	9.446	112	296450	46.173	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.536	131	120605	49.488	ug/l	98
67) Ethyl Benzene	9.568	91	495069	45.718	ug/l	99
68) m/p-Xylenes	9.693	106	405463	95.736	ug/l	98
69) o-Xylene	10.102	106	199481	47.941	ug/l	97
70) Styrene	10.115	104	337193	49.268	ug/l	100
71) Bromoform	10.291	173	111711	49.577	ug/l #	99
73) Isopropylbenzene	10.484	105	523074	49.712	ug/l	99
74) N-amyl acetate	10.320	43	259991	48.865	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.783	83	236269	55.024	ug/l	99
76) 1,2,3-Trichloropropane	10.825	75	274119	52.164	ug/l	100
77) Bromobenzene	10.783	156	135117	47.815	ug/l	98
78) n-propylbenzene	10.906	91	618055	49.295	ug/l	100
79) 2-Chlorotoluene	10.986	91	370527	47.522	ug/l	100
80) 1,3,5-Trimethylbenzene	11.089	105	444699	48.599	ug/l	98
81) trans-1,4-Dichloro-2-b...	10.545	75	68615	47.409	ug/l	96
82) 4-Chlorotoluene	11.095	91	422721	46.990	ug/l	99
83) tert-Butylbenzene	11.420	119	453299	51.616	ug/l	99
84) 1,2,4-Trimethylbenzene	11.468	105	454544	46.186	ug/l	99
85) sec-Butylbenzene	11.642	105	561383	51.096	ug/l	99
86) p-Isopropyltoluene	11.793	119	481754	51.061	ug/l	100
87) 1,3-Dichlorobenzene	11.745	146	251250	45.349	ug/l	99
88) 1,4-Dichlorobenzene	11.835	146	253522	44.291	ug/l	100
89) n-Butylbenzene	12.208	91	413013	44.007	ug/l	99
90) Hexachloroethane	12.475	117	92262	47.915	ug/l	99
91) 1,2-Dichlorobenzene	12.211	146	269616	48.172	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.996	75	65416	52.911	ug/l	96
93) 1,2,4-Trichlorobenzene	13.841	180	165711	45.118	ug/l	98
94) Hexachlorobutadiene	14.021	225	87252	49.563	ug/l	99
95) Naphthalene	14.085	128	555993	43.677	ug/l	100
96) 1,2,3-Trichlorobenzene	14.330	180	172760	47.491	ug/l	99

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

