

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012023\
 Data File : VU052760.D
 Acq On : 20 Jan 2023 14:15
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jan 21 01:01:59 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U011923W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 20 01:04:16 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.369	168	219208	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.243	114	349065	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.414	117	323639	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.809	152	175205	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.697	65	144614	45.808	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	91.620%		
35) Dibromofluoromethane	5.285	113	113257	46.596	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.200%		
50) Toluene-d8	7.896	98	431725	47.364	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	94.720%		
62) 4-Bromofluorobenzene	10.629	95	161528	48.511	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	97.020%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	118360	45.790	ug/l	100
3) Chloromethane	1.520	50	111602	42.033	ug/l	98
4) Vinyl Chloride	1.604	62	121014	45.698	ug/l	99
5) Bromomethane	1.858	94	65271	49.928	ug/l	100
6) Chloroethane	1.935	64	76158	45.495	ug/l	99
7) Trichlorofluoromethane	2.134	101	190822	46.805	ug/l	99
8) Diethyl Ether	2.375	74	68398	46.089	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.578	101	112875	47.877	ug/l	99
10) Methyl Iodide	2.719	142	112619	53.101	ug/l	99
11) Tert butyl alcohol	3.298	59	132342m	246.027	ug/l	
12) 1,1-Dichloroethene	2.578	96	106340	45.607	ug/l	99
13) Acrolein	2.488	56	108157	218.211	ug/l	100
14) Allyl chloride	2.922	41	176444	48.042	ug/l	98
15) Acrylonitrile	3.314	53	339813	228.949	ug/l	99
16) Acetone	2.646	43	351932	233.901	ug/l	100
17) Carbon Disulfide	2.790	76	303631	43.461	ug/l	100
18) Methyl Acetate	2.948	43	192169	46.147	ug/l	99
19) Methyl tert-butyl Ether	3.359	73	386979	48.987	ug/l	98
20) Methylene Chloride	3.041	84	129808	48.376	ug/l	98
21) trans-1,2-Dichloroethene	3.350	96	120160	47.806	ug/l	92
22) Diisopropyl ether	3.986	45	368774	48.284	ug/l	97
23) Vinyl Acetate	3.951	43	1422637	242.756	ug/l	99
24) 1,1-Dichloroethane	3.864	63	223190	46.075	ug/l	99
25) 2-Butanone	4.707	43	457931	235.987	ug/l	100
26) 2,2-Dichloropropane	4.662	77	189710	47.739	ug/l	99
27) cis-1,2-Dichloroethene	4.662	96	135151	48.982	ug/l	98
28) Bromochloromethane	4.970	49	91155	45.082	ug/l	99
29) Tetrahydrofuran	5.054	42	271418	240.948	ug/l	100
30) Chloroform	5.083	83	228110	44.053	ug/l	100
31) Cyclohexane	5.382	56	199114	45.011	ug/l	99
32) 1,1,1-Trichloroethane	5.311	97	200903	47.369	ug/l	99
36) 1,1-Dichloropropene	5.523	75	169441	48.587	ug/l	99
37) Ethyl Acetate	4.800	43	168329	44.403	ug/l	99
38) Carbon Tetrachloride	5.520	117	172701	48.134	ug/l	97
39) Methylcyclohexane	6.761	83	206994	51.007	ug/l	99
40) Benzene	5.771	78	498795	47.368	ug/l	99

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41) Methacrylonitrile	4.970	41	90954	49.594	ug/l	99
42) 1,2-Dichloroethane	5.790	62	182596	48.022	ug/l	100
43) Isopropyl Acetate	5.906	43	259229	49.057	ug/l	100
44) Trichloroethene	6.539	130	129515	49.725	ug/l	100
45) 1,2-Dichloropropane	6.787	63	128643	47.364	ug/l	99
46) Dibromomethane	6.915	93	89522	47.594	ug/l	98
47) Bromodichloromethane	7.102	83	180273	47.896	ug/l	99
48) Methyl methacrylate	6.957	41	124026	51.507	ug/l	99
49) 1,4-Dioxane	7.044	88	52094	1116.514	ug/l	92
51) 4-Methyl-2-Pentanone	7.790	43	839925	245.595	ug/l	100
52) Toluene	7.967	92	316782	49.742	ug/l	100
53) t-1,3-Dichloropropene	8.205	75	196453	49.967	ug/l	100
54) cis-1,3-Dichloropropene	7.604	75	209126	49.872	ug/l	99
55) 1,1,2-Trichloroethane	8.398	97	125261	48.186	ug/l	98
56) Ethyl methacrylate	8.330	69	193607	46.609	ug/l	99
57) 1,3-Dichloropropane	8.571	76	220649	48.405	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.462	63	22720	204.425	ug/l	98
59) 2-Hexanone	8.684	43	664238	252.121	ug/l	99
60) Dibromochloromethane	8.806	129	139847	48.988	ug/l	99
61) 1,2-Dibromoethane	8.919	107	134349	49.228	ug/l	99
64) Tetrachloroethene	8.549	164	110836	49.295	ug/l	97
65) Chlorobenzene	9.443	112	334362	48.824	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.530	131	126247	49.176	ug/l	98
67) Ethyl Benzene	9.568	91	596404	51.533	ug/l	100
68) m/p-Xylenes	9.690	106	476629	106.041	ug/l	100
69) o-Xylene	10.095	106	227998	53.135	ug/l	99
70) Styrene	10.111	104	388447	49.606	ug/l	100
71) Bromoform	10.288	173	106500	49.672	ug/l #	100
73) Isopropylbenzene	10.481	105	601701	52.130	ug/l	99
74) N-amyl acetate	10.317	43	223285	50.779	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.780	83	207603	45.398	ug/l	100
76) 1,2,3-Trichloropropane	10.819	75	225952	47.258	ug/l	99
77) Bromobenzene	10.777	156	146779	49.170	ug/l	96
78) n-propylbenzene	10.902	91	722311	53.210	ug/l	99
79) 2-Chlorotoluene	10.983	91	426074	50.793	ug/l	100
80) 1,3,5-Trimethylbenzene	11.083	105	516568	53.873	ug/l	100
81) trans-1,4-Dichloro-2-b...	10.542	75	59592	48.432	ug/l	98
82) 4-Chlorotoluene	11.092	91	491721	51.429	ug/l	99
83) tert-Butylbenzene	11.417	119	512870	52.112	ug/l	100
84) 1,2,4-Trimethylbenzene	11.462	105	510175	53.605	ug/l	99
85) sec-Butylbenzene	11.639	105	654740	54.348	ug/l	100
86) p-Isopropyltoluene	11.790	119	552998	53.982	ug/l	100
87) 1,3-Dichlorobenzene	11.742	146	281714	49.507	ug/l	99
88) 1,4-Dichlorobenzene	11.832	146	286789	49.017	ug/l	98
89) n-Butylbenzene	12.205	91	472669	47.573	ug/l	100
90) Hexachloroethane	12.472	117	91249	46.429	ug/l	99
91) 1,2-Dichlorobenzene	12.208	146	280938	48.957	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.992	75	44723	47.133	ug/l	98
93) 1,2,4-Trichlorobenzene	13.835	180	178626	53.298	ug/l	100
94) Hexachlorobutadiene	14.018	225	93241	50.192	ug/l	99
95) Naphthalene	14.082	128	513876	46.362	ug/l	99
96) 1,2,3-Trichlorobenzene	14.327	180	176465	53.038	ug/l	99

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

