

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011123\
 Data File : VU052652.D
 Acq On : 11 Jan 2023 15:40
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICC100

Quant Time: Jan 12 03:20:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U011123W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 12 03:18:11 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.369	168	236242	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.244	114	413730	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.414	117	393765	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.809	152	210044	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.697	65	363150	100.214	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 200.420%#	
35) Dibromofluoromethane	5.285	113	274748	95.637	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 191.280%#	
50) Toluene-d8	7.893	98	1089638	104.556	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 209.120%#	
62) 4-Bromofluorobenzene	10.629	95	412582	104.321	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 208.640%#	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.385	85	293285	80.765	ug/l	99
3) Chloromethane	1.520	50	387867	77.010	ug/l	98
4) Vinyl Chloride	1.604	62	361888	96.164	ug/l	100
5) Bromomethane	1.858	94	212219	153.693	ug/l	98
6) Chloroethane	1.935	64	215705	115.229	ug/l	98
7) Trichlorofluoromethane	2.134	101	449304	93.394	ug/l	99
8) Diethyl Ether	2.375	74	189652	106.021	ug/l	92
9) 1,1,2-Trichlorotrifluo...	2.578	101	261630	99.330	ug/l	93
10) Methyl Iodide	2.720	142	312594	125.570	ug/l	93
11) Tert butyl alcohol	3.347	59	387026	464.181	ug/l	# 56
12) 1,1-Dichloroethene	2.578	96	264637	102.093	ug/l	89
13) Acrolein	2.488	56	444211	707.495	ug/l	99
14) Allyl chloride	2.919	41	558173	106.842	ug/l	# 88
15) Acrylonitrile	3.314	53	1038758	510.824	ug/l	99
16) Acetone	2.639	43	915718	488.330	ug/l	99
17) Carbon Disulfide	2.790	76	848678	104.173	ug/l	100
18) Methyl Acetate	2.948	43	579399	113.781	ug/l	92
19) Methyl tert-butyl Ether	3.359	73	998730	104.476	ug/l	95
20) Methylene Chloride	3.044	84	329063	96.125	ug/l	# 86
21) trans-1,2-Dichloroethene	3.350	96	299441	106.961	ug/l	89
22) Diisopropyl ether	3.986	45	1081697	108.125	ug/l	# 74
23) Vinyl Acetate	3.951	43	4414004	513.115	ug/l	95
24) 1,1-Dichloroethane	3.864	63	604725	105.297	ug/l	98
25) 2-Butanone	4.707	43	1401984	508.565	ug/l	93
26) 2,2-Dichloropropane	4.662	77	473349	100.239	ug/l	97
27) cis-1,2-Dichloroethene	4.662	96	342783	106.484	ug/l	89
28) Bromochloromethane	4.970	49	277206	109.679	ug/l	# 72
29) Tetrahydrofuran	5.051	42	879130	474.511	ug/l	87
30) Chloroform	5.086	83	571833	101.118	ug/l	100
31) Cyclohexane	5.385	56	563368	101.739	ug/l	88
32) 1,1,1-Trichloroethane	5.311	97	479258	99.128	ug/l	98
36) 1,1-Dichloropropene	5.523	75	442393	103.887	ug/l	95
37) Ethyl Acetate	4.800	43	538575	96.835	ug/l	97
38) Carbon Tetrachloride	5.520	117	409382	94.017	ug/l	99
39) Methylcyclohexane	6.758	83	535043	105.669	ug/l	91
40) Benzene	5.771	78	1312511	102.641	ug/l	100

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41) Methacrylonitrile	4.970	41	284773	99.343	ug/l #	87
42) 1,2-Dichloroethane	5.790	62	464296	98.451	ug/l	100
43) Isopropyl Acetate	5.906	43	802069	96.698	ug/l	96
44) Trichloroethene	6.539	130	304591	100.371	ug/l	91
45) 1,2-Dichloropropane	6.787	63	360877	101.760	ug/l	99
46) Dibromomethane	6.912	93	225323	96.926	ug/l	89
47) Bromodichloromethane	7.102	83	455212	100.639	ug/l	100
48) Methyl methacrylate	6.957	41	384028	99.193	ug/l	87
49) 1,4-Dioxane	7.034	88	147699	1523.280	ug/l #	1
51) 4-Methyl-2-Pentanone	7.793	43	2688893	485.937	ug/l	97
52) Toluene	7.967	92	800217	104.736	ug/l	98
53) t-1,3-Dichloropropene	8.205	75	534023	109.804	ug/l	99
54) cis-1,3-Dichloropropene	7.604	75	574903	110.287	ug/l	99
55) 1,1,2-Trichloroethane	8.395	97	314235	100.886	ug/l	97
56) Ethyl methacrylate	8.330	69	557802	108.281	ug/l	92
57) 1,3-Dichloropropane	8.571	76	589639	105.724	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.459	63	130353	439.666	ug/l	93
59) 2-Hexanone	8.687	43	2093691	480.194	ug/l	96
60) Dibromochloromethane	8.806	129	339046	105.115	ug/l	100
61) 1,2-Dibromoethane	8.919	107	337216	99.574	ug/l	100
64) Tetrachloroethene	8.549	164	249725	97.976	ug/l	96
65) Chlorobenzene	9.443	112	826294	101.644	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.530	131	300136	99.019	ug/l	99
67) Ethyl Benzene	9.565	91	1531350	102.873	ug/l	96
68) m/p-Xylenes	9.690	106	1171907	210.979	ug/l	95
69) o-Xylene	10.095	106	570402	104.526	ug/l	94
70) Styrene	10.112	104	978374	110.976	ug/l	97
71) Bromoform	10.288	173	261659	101.862	ug/l #	100
73) Isopropylbenzene	10.481	105	1488449	99.863	ug/l	97
74) N-amyl acetate	10.317	43	738995	96.223	ug/l	95
75) 1,1,2,2-Tetrachloroethane	10.780	83	570086	91.593	ug/l	99
76) 1,2,3-Trichloropropane	10.822	75	650402	93.097	ug/l	97
77) Bromobenzene	10.777	156	349142	96.287	ug/l	80
78) n-propylbenzene	10.902	91	1848134	101.505	ug/l	97
79) 2-Chlorotoluene	10.983	91	1089744	97.792	ug/l	92
80) 1,3,5-Trimethylbenzene	11.086	105	1293138	99.726	ug/l	97
81) trans-1,4-Dichloro-2-b...	10.542	75	191841	101.978	ug/l	96
82) 4-Chlorotoluene	11.092	91	1271297	100.769	ug/l	93
83) tert-Butylbenzene	11.417	119	1272134	100.002	ug/l	96
84) 1,2,4-Trimethylbenzene	11.465	105	1291386	101.430	ug/l	98
85) sec-Butylbenzene	11.639	105	1641772	102.163	ug/l	97
86) p-Isopropyltoluene	11.790	119	1376766	105.263	ug/l	98
87) 1,3-Dichlorobenzene	11.742	146	687307	98.425	ug/l	97
88) 1,4-Dichlorobenzene	11.832	146	697735	98.636	ug/l	98
89) n-Butylbenzene	12.205	91	1273618	104.597	ug/l	97
90) Hexachloroethane	12.472	117	247203	96.369	ug/l	81
91) 1,2-Dichlorobenzene	12.208	146	684538	97.643	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.992	75	130092	82.998	ug/l	77
93) 1,2,4-Trichlorobenzene	13.835	180	435575	89.720	ug/l	98
94) Hexachlorobutadiene	14.015	225	206610	95.660	ug/l	99
95) Naphthalene	14.082	128	1402427	76.211	ug/l	100
96) 1,2,3-Trichlorobenzene	14.324	180	429858	85.232	ug/l	98

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

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