

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061421\
 Data File : VU044195.D
 Acq On : 14 Jun 2021 20:35
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jun 15 02:50:24 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U060921W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 10 05:11:37 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.385	168	158322	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.257	114	283966	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.424	117	271863	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	148835	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	121987	48.451	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.900%	
35) Dibromofluoromethane	5.298	113	96330	48.766	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.540%	
50) Toluene-d8	7.906	98	363567	47.924	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.840%	
62) 4-Bromofluorobenzene	10.639	95	142374	46.831	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.660%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.392	85	100677	45.079	ug/l	99
3) Chloromethane	1.524	50	116150	45.607	ug/l	99
4) Vinyl Chloride	1.610	62	118342	44.414	ug/l	100
5) Bromomethane	1.864	94	64981	59.101	ug/l	100
6) Chloroethane	1.942	64	65225	43.502	ug/l	99
7) Trichlorofluoromethane	2.144	101	147726	46.090	ug/l	100
8) Diethyl Ether	2.385	74	61216	46.690	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.588	101	88776	45.468	ug/l	98
10) Methyl Iodide	2.729	142	116821	51.869	ug/l	100
11) Tert butyl alcohol	3.276	59	132363	195.427	ug/l #	73
12) 1,1-Dichloroethene	2.588	96	90192	46.335	ug/l	99
13) Acrolein	2.501	56	57798	156.617	ug/l	99
14) Allyl chloride	2.932	41	162470	44.730	ug/l	98
15) Acrylonitrile	3.331	53	369653	263.948	ug/l	100
16) Acetone	2.655	43	345649	266.028	ug/l	99
17) Carbon Disulfide	2.800	76	277186	44.348	ug/l	100
18) Methyl Acetate	2.964	43	173793	53.662	ug/l	99
19) Methyl tert-butyl Ether	3.376	73	297215	50.004	ug/l	99
20) Methylene Chloride	3.054	84	115295	50.837	ug/l	98
21) trans-1,2-Dichloroethene	3.363	96	102109	47.490	ug/l	100
22) Diisopropyl ether	4.003	45	298678	47.764	ug/l #	75
23) Vinyl Acetate	3.967	43	1436017	241.997	ug/l	100
24) 1,1-Dichloroethane	3.880	63	193130	46.474	ug/l	99
25) 2-Butanone	4.723	43	525583	250.105	ug/l	99
26) 2,2-Dichloropropane	4.675	77	125826	38.340	ug/l	98
27) cis-1,2-Dichloroethene	4.678	96	115499	48.153	ug/l	95
28) Bromochloromethane	4.983	49	94329	47.583	ug/l	95
29) Tetrahydrofuran	5.070	42	311000	272.249	ug/l	98
30) Chloroform	5.099	83	195112	48.077	ug/l	99
31) Cyclohexane	5.398	56	156109	43.935	ug/l	97
32) 1,1,1-Trichloroethane	5.327	97	159821	47.365	ug/l	99
36) 1,1-Dichloropropene	5.536	75	144268	45.664	ug/l	100
37) Ethyl Acetate	4.816	43	194365	51.376	ug/l	100
38) Carbon Tetrachloride	5.533	117	135060	47.352	ug/l	99
39) Methylcyclohexane	6.771	83	149460	44.349	ug/l	99
40) Benzene	5.784	78	436013	46.574	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.986	41	98008	50.603	ug/l	97
42) 1,2-Dichloroethane	5.803	62	151269	45.789	ug/l	100
43) Isopropyl Acetate	5.922	43	260290	48.492	ug/l	99
44) Trichloroethene	6.549	130	101202	46.913	ug/l	99
45) 1,2-Dichloropropane	6.800	63	116390	45.772	ug/l	98
46) Dibromomethane	6.925	93	77827	47.481	ug/l	99
47) Bromodichloromethane	7.115	83	152281	47.217	ug/l	97
48) Methyl methacrylate	6.967	41	123630	47.331	ug/l	97
49) 1,4-Dioxane	7.028	88	71614	1048.195	ug/l #	1
51) 4-Methyl-2-Pentanone	7.800	43	962073	247.637	ug/l	99
52) Toluene	7.977	92	268148	48.321	ug/l	98
53) t-1,3-Dichloropropene	8.218	75	163969	46.465	ug/l	99
54) cis-1,3-Dichloropropene	7.613	75	179357	47.106	ug/l	97
55) 1,1,2-Trichloroethane	8.408	97	111611	47.889	ug/l	99
56) Ethyl methacrylate	8.340	69	178363	50.099	ug/l	99
57) 1,3-Dichloropropane	8.581	76	195149	47.194	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.472	63	306389	242.230	ug/l	99
59) 2-Hexanone	8.694	43	763516	246.258	ug/l	98
60) Dibromochloromethane	8.816	129	112654	48.604	ug/l	99
61) 1,2-Dibromoethane	8.932	107	118981	48.535	ug/l	99
64) Tetrachloroethene	8.559	164	88155	47.170	ug/l	98
65) Chlorobenzene	9.453	112	274842	47.278	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.539	131	99127	48.822	ug/l	100
67) Ethyl Benzene	9.578	91	512846	49.113	ug/l	100
68) m/p-Xylenes	9.700	106	390941	100.240	ug/l	100
69) o-Xylene	10.108	106	185363	50.126	ug/l	98
70) Styrene	10.121	104	326333	50.667	ug/l	100
71) Bromoform	10.298	173	86026	49.788	ug/l #	100
73) Isopropylbenzene	10.491	105	500244	50.192	ug/l	100
74) N-amyl acetate	10.327	43	219769	49.100	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.790	83	204185	47.062	ug/l	100
76) 1,2,3-Trichloropropane	10.832	75	234972	47.087	ug/l	100
77) Bromobenzene	10.787	156	118006	47.097	ug/l	97
78) n-propylbenzene	10.912	91	619162	47.734	ug/l	100
79) 2-Chlorotoluene	10.993	91	363460	47.296	ug/l	99
80) 1,3,5-Trimethylbenzene	11.096	105	443519	50.021	ug/l	99
81) trans-1,4-Dichloro-2-b...	10.552	75	63065	45.812	ug/l	99
82) 4-Chlorotoluene	11.102	91	433698	47.787	ug/l	100
83) tert-Butylbenzene	11.427	119	408944	49.160	ug/l	100
84) 1,2,4-Trimethylbenzene	11.475	105	448271	50.320	ug/l	99
85) sec-Butylbenzene	11.649	105	530993	48.604	ug/l	100
86) p-Isopropyltoluene	11.800	119	469382	50.153	ug/l	99
87) 1,3-Dichlorobenzene	11.751	146	229070	46.575	ug/l	99
88) 1,4-Dichlorobenzene	11.841	146	231481	44.220	ug/l	100
89) n-Butylbenzene	12.214	91	434539	45.711	ug/l	100
90) Hexachloroethane	12.481	117	70883	47.858	ug/l	98
91) 1,2-Dichlorobenzene	12.218	146	227718	46.049	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	13.002	75	48128	49.042	ug/l	96
93) 1,2,4-Trichlorobenzene	13.848	180	148565	47.732	ug/l	100
94) Hexachlorobutadiene	14.028	225	77065	46.140	ug/l	99
95) Naphthalene	14.092	128	503238	48.211	ug/l	100
96) 1,2,3-Trichlorobenzene	14.337	180	148466	49.199	ug/l	99

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

