

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061521\
 Data File : VU044228.D
 Acq On : 15 Jun 2021 16:25
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jun 15 18:45:19 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	213778	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	360266	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	343664	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	187004	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	130599	38.416	ug/l	0.00
Spiked Amount 50.000			Recovery	=	76.840%	
35) Dibromofluoromethane	5.298	113	110507	44.095	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.180%	
50) Toluene-d8	7.906	98	421434	43.787	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.580%	
62) 4-Bromofluorobenzene	10.639	95	170242	44.138	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.280%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	116908	38.768	ug/l	99
3) Chloromethane	1.523	50	127210	36.691	ug/l	99
4) Vinyl Chloride	1.610	62	133949	37.230	ug/l	100
5) Bromomethane	1.864	94	69994	47.146	ug/l	98
6) Chloroethane	1.938	64	68150	33.381	ug/l	100
7) Trichlorofluoromethane	2.144	101	172917	39.955	ug/l	99
8) Diethyl Ether	2.385	74	72048	40.696	ug/l	92
9) 1,1,2-Trichlorotrifluo...	2.588	101	110735	42.002	ug/l	95
10) Methyl Iodide	2.732	142	147453	48.486	ug/l	97
11) Tert butyl alcohol	3.240	59	176143	192.602	ug/l	97
12) 1,1-Dichloroethene	2.588	96	112027	42.623	ug/l	95
13) Acrolein	2.498	56	67929	135.927	ug/l	99
14) Allyl chloride	2.932	41	192796	39.310	ug/l	97
15) Acrylonitrile	3.327	53	398280	210.616	ug/l	100
16) Acetone	2.649	43	360604	205.051	ug/l	96
17) Carbon Disulfide	2.803	76	330413	39.151	ug/l	99
18) Methyl Acetate	2.961	43	184496	42.189	ug/l	96
19) Methyl tert-butyl Ether	3.375	73	364874	45.462	ug/l	99
20) Methylene Chloride	3.054	84	134634	43.798	ug/l	93
21) trans-1,2-Dichloroethene	3.363	96	125138	43.103	ug/l	95
22) Diisopropyl ether	4.006	45	339401	40.197	ug/l	95
23) Vinyl Acetate	3.967	43	1666219	207.950	ug/l	97
24) 1,1-Dichloroethane	3.880	63	226479	40.362	ug/l	98
25) 2-Butanone	4.719	43	573559	202.133	ug/l	96
26) 2,2-Dichloropropane	4.674	77	189478	42.758	ug/l	98
27) cis-1,2-Dichloroethene	4.678	96	144777	44.701	ug/l	94
28) Bromochloromethane	4.983	49	104324	38.973	ug/l	84
29) Tetrahydrofuran	5.067	42	325463	211.001	ug/l	94
30) Chloroform	5.099	83	226200	41.279	ug/l	99
31) Cyclohexane	5.398	56	187815	39.146	ug/l	94
32) 1,1,1-Trichloroethane	5.327	97	192325	42.213	ug/l	96
36) 1,1-Dichloropropene	5.536	75	178059	44.424	ug/l	98
37) Ethyl Acetate	4.816	43	206424	43.008	ug/l	98
38) Carbon Tetrachloride	5.536	117	164711	45.518	ug/l	100
39) Methylcyclohexane	6.771	83	198225	46.362	ug/l	95
40) Benzene	5.784	78	520830	43.851	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.983	41	108067	43.980	ug/l	96
42) 1,2-Dichloroethane	5.803	62	171489	40.915	ug/l	98
43) Isopropyl Acetate	5.922	43	306844	45.059	ug/l	96
44) Trichloroethene	6.549	130	133603	48.816	ug/l	95
45) 1,2-Dichloropropane	6.800	63	135826	42.102	ug/l	100
46) Dibromomethane	6.925	93	92538	44.499	ug/l	94
47) Bromodichloromethane	7.115	83	176293	43.085	ug/l	97
48) Methyl methacrylate	6.967	41	146867	44.318	ug/l	96
49) 1,4-Dioxane	7.015	88	76186	878.946	ug/l #	83
51) 4-Methyl-2-Pentanone	7.800	43	1046856	212.391	ug/l	96
52) Toluene	7.977	92	330758	46.980	ug/l	100
53) t-1,3-Dichloropropene	8.218	75	211273	47.190	ug/l	100
54) cis-1,3-Dichloropropene	7.616	75	226603	46.910	ug/l	96
55) 1,1,2-Trichloroethane	8.407	97	133347	45.097	ug/l	99
56) Ethyl methacrylate	8.340	69	224439	49.690	ug/l	94
57) 1,3-Dichloropropane	8.581	76	231715	44.169	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.472	63	425715	263.663	ug/l	94
59) 2-Hexanone	8.694	43	833556	211.910	ug/l	96
60) Dibromochloromethane	8.819	129	138328	47.042	ug/l	99
61) 1,2-Dibromoethane	8.932	107	145585	46.810	ug/l	100
64) Tetrachloroethene	8.562	164	117388	49.689	ug/l	97
65) Chlorobenzene	9.452	112	348725	47.455	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.542	131	123392	48.075	ug/l	99
67) Ethyl Benzene	9.578	91	643013	48.713	ug/l	97
68) m/p-Xylenes	9.700	106	490833	99.559	ug/l	98
69) o-Xylene	10.108	106	236869	50.671	ug/l	95
70) Styrene	10.121	104	404742	49.711	ug/l	98
71) Bromoform	10.298	173	107483	49.209	ug/l #	100
73) Isopropylbenzene	10.491	105	635942	50.783	ug/l	99
74) N-amyl acetate	10.327	43	271267	48.235	ug/l	97
75) 1,1,2,2-Tetrachloroethane	10.790	83	233574	42.848	ug/l	99
76) 1,2,3-Trichloropropane	10.832	75	280151	44.682	ug/l	99
77) Bromobenzene	10.787	156	153420	48.734	ug/l	92
78) n-propylbenzene	10.912	91	776083	47.620	ug/l	98
79) 2-Chlorotoluene	10.993	91	445948	46.186	ug/l	97
80) 1,3,5-Trimethylbenzene	11.092	105	555456	49.859	ug/l	98
81) trans-1,4-Dichloro-2-b...	10.552	75	82805	47.875	ug/l	95
82) 4-Chlorotoluene	11.102	91	532750	46.719	ug/l	97
83) tert-Butylbenzene	11.427	119	528958	50.608	ug/l	98
84) 1,2,4-Trimethylbenzene	11.475	105	562696	50.272	ug/l	99
85) sec-Butylbenzene	11.648	105	681516	49.649	ug/l	98
86) p-Isopropyltoluene	11.800	119	609930	51.869	ug/l	99
87) 1,3-Dichlorobenzene	11.751	146	298741	48.343	ug/l	99
88) 1,4-Dichlorobenzene	11.841	146	301783	45.883	ug/l	99
89) n-Butylbenzene	12.214	91	578931	48.470	ug/l	98
90) Hexachloroethane	12.481	117	88108	47.346	ug/l	93
91) 1,2-Dichlorobenzene	12.218	146	291255	46.876	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	13.002	75	58266	47.254	ug/l	88
93) 1,2,4-Trichlorobenzene	13.848	180	213108	54.494	ug/l	99
94) Hexachlorobutadiene	14.028	225	109068	51.973	ug/l	99
95) Naphthalene	14.092	128	715286	54.166	ug/l	100
96) 1,2,3-Trichlorobenzene	14.336	180	205958	54.320	ug/l	99

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

