

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061021\
 Data File : VU044170.D
 Acq On : 10 Jun 2021 20:52
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jun 11 01:22:46 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	5.382	168	155012	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	277153	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	267824	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	144836	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	115242	46.750	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.500%	
35) Dibromofluoromethane	5.298	113	90973	47.186	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.380%	
50) Toluene-d8	7.906	98	346578	46.808	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.620%	
62) 4-Bromofluorobenzene	10.639	95	136743	46.084	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.160%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	102091	46.688	ug/l	98
3) Chloromethane	1.523	50	119558	48.030	ug/l	99
4) Vinyl Chloride	1.610	62	118246	45.325	ug/l	100
5) Bromomethane	1.848	94	68467	63.601	ug/l	99
6) Chloroethane	1.932	64	73542	50.284	ug/l	99
7) Trichlorofluoromethane	2.141	101	148187	47.221	ug/l	100
8) Diethyl Ether	2.382	74	60169	46.871	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.588	101	88524	46.307	ug/l	98
10) Methyl Iodide	2.729	142	120305	54.557	ug/l	99
11) Tert butyl alcohol	3.189	59	134715	203.147	ug/l	99
12) 1,1-Dichloroethene	2.588	96	90284	47.373	ug/l	98
13) Acrolein	2.491	56	63905	177.255	ug/l	99
14) Allyl chloride	2.932	41	156339	43.961	ug/l	98
15) Acrylonitrile	3.321	53	315329	229.966	ug/l	99
16) Acetone	2.629	43	262338	205.733	ug/l	98
17) Carbon Disulfide	2.800	76	275253	44.979	ug/l	99
18) Methyl Acetate	2.954	43	147292	46.450	ug/l	98
19) Methyl tert-butyl Ether	3.372	73	290925	49.991	ug/l	100
20) Methylene Chloride	3.054	84	113261	51.010	ug/l	98
21) trans-1,2-Dichloroethene	3.362	96	101802	48.358	ug/l	98
22) Diisopropyl ether	4.002	45	294026	48.024	ug/l	95
23) Vinyl Acetate	3.964	43	1394897	240.086	ug/l	98
24) 1,1-Dichloroethane	3.880	63	189367	46.542	ug/l	99
25) 2-Butanone	4.710	43	439963	213.832	ug/l	99
26) 2,2-Dichloropropane	4.674	77	129699	40.364	ug/l	99
27) cis-1,2-Dichloroethene	4.678	96	113451	48.309	ug/l	96
28) Bromochloromethane	4.983	49	92538	47.676	ug/l	94
29) Tetrahydrofuran	5.057	42	257338	230.083	ug/l	98
30) Chloroform	5.099	83	189639	47.727	ug/l	99
31) Cyclohexane	5.398	56	155665	44.745	ug/l	98
32) 1,1,1-Trichloroethane	5.327	97	158816	48.073	ug/l	98
36) 1,1-Dichloropropene	5.536	75	141279	45.818	ug/l	99
37) Ethyl Acetate	4.809	43	162846	44.103	ug/l	99
38) Carbon Tetrachloride	5.533	117	132579	47.625	ug/l	99
39) Methylcyclohexane	6.771	83	148825	45.247	ug/l	97
40) Benzene	5.784	78	431537	47.229	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.980	41	88363	46.745	ug/l	97
42) 1,2-Dichloroethane	5.803	62	148480	46.049	ug/l	99
43) Isopropyl Acetate	5.919	43	240855	45.975	ug/l	99
44) Trichloroethene	6.549	130	100866	47.907	ug/l	98
45) 1,2-Dichloropropane	6.800	63	112694	45.408	ug/l	100
46) Dibromomethane	6.925	93	75005	46.884	ug/l	97
47) Bromodichloromethane	7.115	83	148812	47.275	ug/l	100
48) Methyl methacrylate	6.967	41	116815	45.821	ug/l	98
49) 1,4-Dioxane	6.970	88	58133	871.793	ug/l	98
51) 4-Methyl-2-Pentanone	7.796	43	857490	226.143	ug/l	98
52) Toluene	7.976	92	268462	49.567	ug/l	100
53) t-1,3-Dichloropropene	8.218	75	160598	46.628	ug/l	99
54) cis-1,3-Dichloropropene	7.613	75	175104	47.119	ug/l	98
55) 1,1,2-Trichloroethane	8.407	97	107700	47.347	ug/l	99
56) Ethyl methacrylate	8.340	69	171286	49.294	ug/l	98
57) 1,3-Dichloropropane	8.581	76	192104	47.599	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.472	63	293070	237.736	ug/l	98
59) 2-Hexanone	8.690	43	667161	220.470	ug/l	98
60) Dibromochloromethane	8.816	129	109925	48.593	ug/l	99
61) 1,2-Dibromoethane	8.928	107	114793	47.978	ug/l	100
64) Tetrachloroethene	8.562	164	88086	47.844	ug/l	99
65) Chlorobenzene	9.452	112	271670	47.437	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.542	131	97336	48.662	ug/l	99
67) Ethyl Benzene	9.578	91	511129	49.687	ug/l	100
68) m/p-Xylenes	9.700	106	392094	102.052	ug/l	99
69) o-Xylene	10.108	106	186107	51.086	ug/l	98
70) Styrene	10.121	104	322619	50.846	ug/l	100
71) Bromoform	10.298	173	82346	48.376	ug/l #	100
73) Isopropylbenzene	10.491	105	498171	51.364	ug/l	100
74) N-amyl acetate	10.327	43	208324	47.828	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.790	83	192223	45.528	ug/l	99
76) 1,2,3-Trichloropropane	10.832	75	220030	45.310	ug/l	100
77) Bromobenzene	10.787	156	118006	48.398	ug/l	96
78) n-propylbenzene	10.912	91	617461	48.918	ug/l	100
79) 2-Chlorotoluene	10.992	91	361174	48.296	ug/l	99
80) 1,3,5-Trimethylbenzene	11.095	105	445941	51.683	ug/l	99
81) trans-1,4-Dichloro-2-b...	10.552	75	59488	44.407	ug/l	99
82) 4-Chlorotoluene	11.102	91	429884	48.674	ug/l	99
83) tert-Butylbenzene	11.426	119	410869	50.755	ug/l	100
84) 1,2,4-Trimethylbenzene	11.475	105	450409	51.956	ug/l	100
85) sec-Butylbenzene	11.648	105	535458	50.366	ug/l	100
86) p-Isopropyltoluene	11.799	119	466910	51.266	ug/l	99
87) 1,3-Dichlorobenzene	11.751	146	230807	48.224	ug/l	98
88) 1,4-Dichlorobenzene	11.841	146	232642	45.669	ug/l	99
89) n-Butylbenzene	12.214	91	439850	47.548	ug/l	100
90) Hexachloroethane	12.481	117	69683	48.347	ug/l	97
91) 1,2-Dichlorobenzene	12.217	146	227032	47.178	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	13.002	75	42719	44.732	ug/l	95
93) 1,2,4-Trichlorobenzene	13.848	180	146754	48.452	ug/l	99
94) Hexachlorobutadiene	14.028	225	77168	47.478	ug/l	100
95) Naphthalene	14.092	128	472089	46.577	ug/l	100
96) 1,2,3-Trichlorobenzene	14.336	180	146704	49.957	ug/l	98

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

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