

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060222\
 Data File : VU048846.D
 Acq On : 03 Jun 2022 08:44
 Operator : SY/MD
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDC0050EC

Quant Time: Jun 03 09:17:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U052622W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 27 06:42:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.372	168	213328	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.247	114	361632	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	340610	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	183329	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.700	65	171103	53.407	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 106.820%	
35) Dibromofluoromethane	5.289	113	133876	51.891	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.780%	
50) Toluene-d8	7.896	98	459091	49.641	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 99.280%	
62) 4-Bromofluorobenzene	10.632	95	190965	54.599	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 109.200%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.382	85	116154	47.562	ug/l	99
3) Chloromethane	1.520	50	161155	51.261	ug/l	99
4) Vinyl Chloride	1.604	62	157084	53.948	ug/l	97
5) Bromomethane	1.829	94	70906	43.170	ug/l	98
6) Chloroethane	1.912	64	88054	55.341	ug/l	97
7) Trichlorofluoromethane	2.128	101	200008	48.096	ug/l	98
8) Diethyl Ether	2.372	74	80582	52.510	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.575	101	115034	50.535	ug/l	98
10) Methyl Iodide	2.716	142	176258	52.000	ug/l	98
11) Tert butyl alcohol	3.189	59	267029	328.753	ug/l #	35
12) 1,1-Dichloroethene	2.575	96	114157	52.577	ug/l	99
13) Acrolein	2.482	56	77492	288.551	ug/l	99
14) Allyl chloride	2.919	41	228498	54.335	ug/l	95
15) Acrylonitrile	3.308	53	546155	310.030	ug/l	99
16) Acetone	2.620	43	474973	290.908	ug/l	99
17) Carbon Disulfide	2.787	76	286367	45.180	ug/l	100
18) Methyl Acetate	2.941	43	294967	71.954	ug/l	100
19) Methyl tert-butyl Ether	3.359	73	480824	58.363	ug/l	99
20) Methylene Chloride	3.041	84	148093	53.339	ug/l	99
21) trans-1,2-Dichloroethene	3.350	96	122644	49.381	ug/l	93
22) Diisopropyl ether	3.990	45	485403	62.574	ug/l	93
23) Vinyl Acetate	3.951	43	2037651	303.177	ug/l	99
24) 1,1-Dichloroethane	3.864	63	273255	56.087	ug/l	99
25) 2-Butanone	4.697	43	763458	325.490	ug/l	99
26) 2,2-Dichloropropane	4.662	77	117246	26.824	ug/l	95
27) cis-1,2-Dichloroethene	4.665	96	153970	53.559	ug/l	94
28) Bromochloromethane	4.967	49	3106	1.625	ug/l #	54
29) Tetrahydrofuran	5.044	42	484919	328.213	ug/l	96
30) Chloroform	5.086	83	269661	55.317	ug/l	98
31) Cyclohexane	5.385	56	213895	52.977	ug/l	100
32) 1,1,1-Trichloroethane	5.314	97	226626	51.242	ug/l	98
36) 1,1-Dichloropropene	5.523	75	180273	47.876	ug/l	99
37) Ethyl Acetate	4.800	43	267148	56.121	ug/l	99
38) Carbon Tetrachloride	5.523	117	195545	45.266	ug/l	99
39) Methylcyclohexane	6.761	83	204490	51.794	ug/l	96
40) Benzene	5.771	78	558148	50.209	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.967	41	146245	60.797	ug/l	99
42) 1,2-Dichloroethane	5.793	62	216101	49.660	ug/l	99
43) Isopropyl Acetate	5.909	43	391184	56.620	ug/l	99
44) Trichloroethene	6.539	130	137835	48.127	ug/l	99
45) 1,2-Dichloropropane	6.790	63	164622	58.823	ug/l	99
46) Dibromomethane	6.915	93	108813	52.042	ug/l	97
47) Bromodichloromethane	7.105	83	216967	51.313	ug/l	100
48) Methyl methacrylate	6.957	41	190466	61.409	ug/l	98
49) 1,4-Dioxane	6.964	88	103331	1490.335	ug/l	96
51) 4-Methyl-2-Pentanone	7.790	43	1433045	319.438	ug/l	100
52) Toluene	7.967	92	338390	50.891	ug/l	99
53) t-1,3-Dichloropropene	8.208	75	214731	47.078	ug/l	97
54) cis-1,3-Dichloropropene	7.607	75	230086	48.680	ug/l	99
55) 1,1,2-Trichloroethane	8.401	97	154024	52.485	ug/l	99
56) Ethyl methacrylate	8.333	69	260049	55.760	ug/l	98
57) 1,3-Dichloropropane	8.575	76	265212	53.696	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.462	63	239944	231.357	ug/l	97
59) 2-Hexanone	8.684	43	1223120	332.099	ug/l	99
60) Dibromochloromethane	8.809	129	168551	51.238	ug/l	99
61) 1,2-Dibromoethane	8.922	107	163763	50.671	ug/l	100
64) Tetrachloroethene	8.552	164	110402	46.602	ug/l	96
65) Chlorobenzene	9.446	112	378925	52.600	ug/l	97
66) 1,1,1,2-Tetrachloroethane	9.533	131	150079	54.885	ug/l	98
67) Ethyl Benzene	9.571	91	669319	55.087	ug/l	99
68) m/p-Xylenes	9.693	106	520115	109.450	ug/l	100
69) o-Xylene	10.099	106	258411	55.350	ug/l	100
70) Styrene	10.115	104	428722	55.829	ug/l	99
71) Bromoform	10.292	173	139810	55.300	ug/l #	99
73) Isopropylbenzene	10.484	105	674817	57.016	ug/l	98
74) N-amyl acetate	10.320	43	359624	59.523	ug/l	97
75) 1,1,2,2-Tetrachloroethane	10.783	83	309159	64.009	ug/l	100
76) 1,2,3-Trichloropropane	10.825	75	334510	56.591	ug/l	96
77) Bromobenzene	10.780	156	173490	54.581	ug/l	97
78) n-propylbenzene	10.906	91	793533	56.266	ug/l	100
79) 2-Chlorotoluene	10.986	91	498682	56.860	ug/l	99
80) 1,3,5-Trimethylbenzene	11.086	105	604735	58.754	ug/l	100
81) trans-1,4-Dichloro-2-b...	10.546	75	73020	44.853	ug/l	96
82) 4-Chlorotoluene	11.095	91	566095	55.943	ug/l	99
83) tert-Butylbenzene	11.420	119	615331	62.290	ug/l	100
84) 1,2,4-Trimethylbenzene	11.468	105	618569	55.627	ug/l	100
85) sec-Butylbenzene	11.642	105	761934	61.653	ug/l	100
86) p-Isopropyltoluene	11.793	119	640167	60.320	ug/l	100
87) 1,3-Dichlorobenzene	11.745	146	333170	53.461	ug/l	100
88) 1,4-Dichlorobenzene	11.835	146	337946	52.488	ug/l	99
89) n-Butylbenzene	12.208	91	542994	51.066	ug/l	98
90) Hexachloroethane	12.475	117	119194	55.031	ug/l	96
91) 1,2-Dichlorobenzene	12.211	146	347595	55.211	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.996	75	77370	55.635	ug/l	97
93) 1,2,4-Trichlorobenzene	13.841	180	205004	49.622	ug/l	98
94) Hexachlorobutadiene	14.021	225	100411	50.707	ug/l	98
95) Naphthalene	14.086	128	719115	49.842	ug/l	100
96) 1,2,3-Trichlorobenzene	14.330	180	210948	51.553	ug/l	99

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

