

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU053122\
 Data File : VU048731.D
 Acq On : 31 May 2022 11:00
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Quant Time: Jun 01 02:12:43 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	5.375	168	254568	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.250	114	418643	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	372542	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	206256	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	187490	49.041	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	98.080%
35) Dibromofluoromethane	5.288	113	146084	48.912	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.820%
50) Toluene-d8	7.899	98	526660	49.192	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.380%
62) 4-Bromofluorobenzene	10.632	95	197449	48.765	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.520%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.385	85	132107	45.331	ug/l	99
3) Chloromethane	1.520	50	163503	43.583	ug/l	98
4) Vinyl Chloride	1.604	62	164573	47.364	ug/l	97
5) Bromomethane	1.845	94	114013	59.853	ug/l	99
6) Chloroethane	1.928	64	97072	50.926	ug/l	98
7) Trichlorofluoromethane	2.134	101	227911	45.927	ug/l	99
8) Diethyl Ether	2.375	74	88638	48.403	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.578	101	132993	48.959	ug/l	96
10) Methyl Iodide	2.719	142	166091	41.694	ug/l	97
11) Tert butyl alcohol	3.182	59	238601	246.166	ug/l #	42
12) 1,1-Dichloroethene	2.578	96	125517	48.444	ug/l	97
13) Acrolein	2.485	56	49674	153.002	ug/l	98
14) Allyl chloride	2.922	41	256773	51.167	ug/l	97
15) Acrylonitrile	3.311	53	551156	262.184	ug/l	99
16) Acetone	2.623	43	464082	238.191	ug/l	100
17) Carbon Disulfide	2.790	76	345725	45.709	ug/l	99
18) Methyl Acetate	2.948	43	244748	50.032	ug/l	99
19) Methyl tert-butyl Ether	3.363	73	500239	50.883	ug/l	98
20) Methylene Chloride	3.044	84	154572	46.653	ug/l	97
21) trans-1,2-Dichloroethene	3.353	96	136322	45.996	ug/l	92
22) Diisopropyl ether	3.993	45	502481	54.282	ug/l	99
23) Vinyl Acetate	3.954	43	2196661	273.888	ug/l	99
24) 1,1-Dichloroethane	3.867	63	279867	48.138	ug/l	100
25) 2-Butanone	4.700	43	740561	264.581	ug/l	100
26) 2,2-Dichloropropane	4.665	77	242093	46.415	ug/l	99
27) cis-1,2-Dichloroethene	4.668	96	165943	48.372	ug/l	99
28) Bromochloromethane	4.973	49	115915	50.831	ug/l	98
29) Tetrahydrofuran	5.051	42	479986	272.245	ug/l	98
30) Chloroform	5.089	83	288156	49.535	ug/l	100
31) Cyclohexane	5.388	56	239719	49.755	ug/l	100
32) 1,1,1-Trichloroethane	5.317	97	246339	46.676	ug/l	99
36) 1,1-Dichloropropene	5.526	75	206531	47.380	ug/l	99
37) Ethyl Acetate	4.803	43	273833	49.692	ug/l	100
38) Carbon Tetrachloride	5.526	117	222097	44.411	ug/l	99
39) Methylcyclohexane	6.764	83	232238	50.812	ug/l	99
40) Benzene	5.774	78	599538	46.587	ug/l	99

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41) Methacrylonitrile	4.970	41	148039	53.162	ug/l	99
42) 1,2-Dichloroethane	5.797	62	227271	45.115	ug/l	99
43) Isopropyl Acetate	5.912	43	405961	50.757	ug/l	100
44) Trichloroethene	6.542	130	148471	44.781	ug/l	99
45) 1,2-Dichloropropane	6.793	63	170837	52.730	ug/l	100
46) Dibromomethane	6.919	93	114499	47.304	ug/l	98
47) Bromodichloromethane	7.105	83	234599	47.927	ug/l	100
48) Methyl methacrylate	6.960	41	191593	53.360	ug/l	99
49) 1,4-Dioxane	6.970	88	87436	1089.347	ug/l	97
51) 4-Methyl-2-Pentanone	7.790	43	1402889	270.130	ug/l	99
52) Toluene	7.970	92	373186	48.481	ug/l	99
53) t-1,3-Dichloropropene	8.211	75	254111	48.125	ug/l	99
54) cis-1,3-Dichloropropene	7.607	75	272370	49.779	ug/l	98
55) 1,1,2-Trichloroethane	8.401	97	158803	46.744	ug/l	100
56) Ethyl methacrylate	8.333	69	256117	47.828	ug/l	98
57) 1,3-Dichloropropane	8.575	76	276696	48.392	ug/l	98
58) 2-Chloroethyl Vinyl ether	7.462	63	239254	203.402	ug/l	97
59) 2-Hexanone	8.684	43	1100939	258.217	ug/l	99
60) Dibromochloromethane	8.812	129	181417	47.639	ug/l	99
61) 1,2-Dibromoethane	8.925	107	173463	46.363	ug/l	98
64) Tetrachloroethene	8.555	164	129219	49.949	ug/l	97
65) Chlorobenzene	9.446	112	404112	51.288	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.536	131	156207	52.229	ug/l	98
67) Ethyl Benzene	9.571	91	732552	55.124	ug/l	99
68) m/p-Xylenes	9.693	106	574164	110.468	ug/l	100
69) o-Xylene	10.102	106	275099	53.874	ug/l	99
70) Styrene	10.115	104	465277	55.396	ug/l	100
71) Bromoform	10.291	173	146950	53.142	ug/l #	98
73) Isopropylbenzene	10.484	105	726224	54.539	ug/l	99
74) N-amyl acetate	10.320	43	344594	51.061	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.783	83	279692	51.471	ug/l	99
76) 1,2,3-Trichloropropane	10.825	75	337770	50.791	ug/l	99
77) Bromobenzene	10.783	156	179341	50.150	ug/l	96
78) n-propylbenzene	10.906	91	876313	55.229	ug/l	99
79) 2-Chlorotoluene	10.986	91	516023	52.297	ug/l	100
80) 1,3,5-Trimethylbenzene	11.089	105	601648	51.957	ug/l	100
81) trans-1,4-Dichloro-2-b...	10.546	75	93038	50.797	ug/l	99
82) 4-Chlorotoluene	11.095	91	584341	51.327	ug/l	98
83) tert-Butylbenzene	11.420	119	591843	53.253	ug/l	100
84) 1,2,4-Trimethylbenzene	11.468	105	620982	49.765	ug/l	100
85) sec-Butylbenzene	11.645	105	761517	54.770	ug/l	99
86) p-Isopropyltoluene	11.793	119	663600	55.578	ug/l	100
87) 1,3-Dichlorobenzene	11.745	146	348175	49.658	ug/l	99
88) 1,4-Dichlorobenzene	11.838	146	357159	49.305	ug/l	99
89) n-Butylbenzene	12.208	91	614412	51.347	ug/l	99
90) Hexachloroethane	12.475	117	117652	48.281	ug/l	99
91) 1,2-Dichlorobenzene	12.211	146	349933	49.404	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.996	75	84671	54.117	ug/l	98
93) 1,2,4-Trichlorobenzene	13.841	180	243914	52.477	ug/l	99
94) Hexachlorobutadiene	14.021	225	103896	46.635	ug/l	99
95) Naphthalene	14.086	128	857245	52.660	ug/l	100
96) 1,2,3-Trichlorobenzene	14.330	180	243080	52.802	ug/l	100

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

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