

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060222\
 Data File : VU048796.D
 Acq On : 02 Jun 2022 10:22
 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 03 01:02:16 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	262240	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.250	114	447308	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	415839	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	230949	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	196042	49.778	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	99.560%
35) Dibromofluoromethane	5.288	113	153811	48.199	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.400%
50) Toluene-d8	7.899	98	552274	48.279	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.560%
62) 4-Bromofluorobenzene	10.632	95	224417	51.873	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	103.740%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.385	85	129536	43.149	ug/l	98
3) Chloromethane	1.523	50	162668	42.092	ug/l	97
4) Vinyl Chloride	1.604	62	159152	44.464	ug/l	99
5) Bromomethane	1.842	94	103041	51.916	ug/l	99
6) Chloroethane	1.925	64	99540	50.681	ug/l	100
7) Trichlorofluoromethane	2.134	101	219708	42.979	ug/l	99
8) Diethyl Ether	2.375	74	97271	51.563	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.578	101	132417	47.321	ug/l	97
10) Methyl Iodide	2.719	142	195318	47.171	ug/l	96
11) Tert butyl alcohol	3.176	59	258022	258.415	ug/l #	42
12) 1,1-Dichloroethene	2.578	96	127056	47.603	ug/l	98
13) Acrolein	2.485	56	110763	336.216	ug/l	98
14) Allyl chloride	2.922	41	267564	51.757	ug/l	97
15) Acrylonitrile	3.308	53	626942	289.511	ug/l	98
16) Acetone	2.620	43	521289	259.725	ug/l	100
17) Carbon Disulfide	2.790	76	328818	42.201	ug/l	100
18) Methyl Acetate	2.945	43	301750	59.880	ug/l	99
19) Methyl tert-butyl Ether	3.363	73	557825	55.081	ug/l	99
20) Methylene Chloride	3.044	84	170331	49.906	ug/l	96
21) trans-1,2-Dichloroethene	3.353	96	143396	46.967	ug/l	93
22) Diisopropyl ether	3.990	45	551768	57.862	ug/l	99
23) Vinyl Acetate	3.951	43	2431993	294.359	ug/l	99
24) 1,1-Dichloroethane	3.871	63	302082	50.439	ug/l	100
25) 2-Butanone	4.697	43	839349	291.102	ug/l	99
26) 2,2-Dichloropropane	4.665	77	247828	46.125	ug/l	97
27) cis-1,2-Dichloroethene	4.665	96	182240	51.569	ug/l	98
28) Bromochloromethane	4.973	49	126986	54.057	ug/l	99
29) Tetrahydrofuran	5.047	42	539417	297.002	ug/l	99
30) Chloroform	5.089	83	304681	50.844	ug/l	99
31) Cyclohexane	5.388	56	239986	48.353	ug/l	99
32) 1,1,1-Trichloroethane	5.317	97	253526	46.632	ug/l	99
36) 1,1-Dichloropropene	5.526	75	214381	46.029	ug/l	99
37) Ethyl Acetate	4.800	43	305603	51.903	ug/l	99
38) Carbon Tetrachloride	5.526	117	215772	40.381	ug/l	99
39) Methylcyclohexane	6.764	83	237545	48.642	ug/l	98
40) Benzene	5.774	78	642083	46.696	ug/l	100

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41) Methacrylonitrile	4.970	41	167044	56.142	ug/l	98
42) 1,2-Dichloroethane	5.793	62	245087	45.533	ug/l	98
43) Isopropyl Acetate	5.909	43	459525	53.772	ug/l	99
44) Trichloroethene	6.542	130	163301	46.098	ug/l	98
45) 1,2-Dichloropropane	6.790	63	187234	54.088	ug/l	99
46) Dibromomethane	6.919	93	127530	49.311	ug/l	99
47) Bromodichloromethane	7.105	83	251466	48.081	ug/l	100
48) Methyl methacrylate	6.957	41	217456	56.682	ug/l	97
49) 1,4-Dioxane	6.960	88	83803	977.176	ug/l	96
51) 4-Methyl-2-Pentanone	7.790	43	1598463	288.064	ug/l	99
52) Toluene	7.970	92	406724	49.452	ug/l	98
53) t-1,3-Dichloropropene	8.211	75	290909	51.563	ug/l	98
54) cis-1,3-Dichloropropene	7.607	75	300035	51.321	ug/l	99
55) 1,1,2-Trichloroethane	8.401	97	179396	49.422	ug/l	97
56) Ethyl methacrylate	8.333	69	299843	52.155	ug/l	98
57) 1,3-Dichloropropane	8.575	76	309360	50.638	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.462	63	275470	216.874	ug/l	98
59) 2-Hexanone	8.684	43	1270989	278.998	ug/l	99
60) Dibromochloromethane	8.809	129	200303	49.228	ug/l	100
61) 1,2-Dibromoethane	8.922	107	194647	48.691	ug/l	99
64) Tetrachloroethene	8.552	164	134218	46.401	ug/l	96
65) Chlorobenzene	9.446	112	450606	51.234	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.533	131	168427	50.452	ug/l	98
67) Ethyl Benzene	9.571	91	790540	53.293	ug/l	99
68) m/p-Xylenes	9.693	106	612809	105.627	ug/l	99
69) o-Xylene	10.099	106	306771	53.821	ug/l	99
70) Styrene	10.115	104	527643	56.280	ug/l	99
71) Bromoform	10.291	173	162179	52.542	ug/l #	100
73) Isopropylbenzene	10.484	105	795381	53.346	ug/l	100
74) N-amyl acetate	10.320	43	406201	53.624	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.780	83	342429	56.279	ug/l	98
76) 1,2,3-Trichloropropane	10.825	75	395301	53.086	ug/l	99
77) Bromobenzene	10.780	156	205550	51.333	ug/l	98
78) n-propylbenzene	10.906	91	957189	53.876	ug/l	99
79) 2-Chlorotoluene	10.986	91	576129	52.145	ug/l	99
80) 1,3,5-Trimethylbenzene	11.086	105	695181	53.615	ug/l	99
81) trans-1,4-Dichloro-2-b...	10.546	75	107589	52.461	ug/l	99
82) 4-Chlorotoluene	11.095	91	680535	53.385	ug/l	98
83) tert-Butylbenzene	11.420	119	657197	52.810	ug/l	99
84) 1,2,4-Trimethylbenzene	11.468	105	695625	49.785	ug/l	99
85) sec-Butylbenzene	11.642	105	829630	53.289	ug/l	98
86) p-Isopropyltoluene	11.793	119	725710	54.281	ug/l	100
87) 1,3-Dichlorobenzene	11.745	146	394476	50.246	ug/l	98
88) 1,4-Dichlorobenzene	11.835	146	408465	50.359	ug/l	99
89) n-Butylbenzene	12.208	91	682165	50.933	ug/l	99
90) Hexachloroethane	12.475	117	126569	46.387	ug/l	96
91) 1,2-Dichlorobenzene	12.211	146	407229	51.346	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.996	75	91027	51.959	ug/l	98
93) 1,2,4-Trichlorobenzene	13.841	180	274736	52.789	ug/l	99
94) Hexachlorobutadiene	14.021	225	110692	44.373	ug/l	97
95) Naphthalene	14.086	128	958559	52.591	ug/l	100
96) 1,2,3-Trichlorobenzene	14.330	180	272245	52.814	ug/l	99

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

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