

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052722\
 Data File : VU048681.D
 Acq On : 27 May 2022 09:29
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Quant Time: May 28 00:14:22 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	5.376	168	233316	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.250	114	373923	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	358350	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.813	152	195369	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.704	65	153188	43.719	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	87.440%
35) Dibromofluoromethane	5.289	113	120445	45.150	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.300%
50) Toluene-d8	7.900	98	424216	44.362	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	88.720%#
62) 4-Bromofluorobenzene	10.633	95	166983	46.173	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.340%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	127005	47.550	ug/l	100
3) Chloromethane	1.524	50	165163	48.035	ug/l	97
4) Vinyl Chloride	1.604	62	159257	50.009	ug/l	98
5) Bromomethane	1.848	94	94175	53.464	ug/l	94
6) Chloroethane	1.929	64	90065	51.586	ug/l	95
7) Trichlorofluoromethane	2.138	101	210317	46.242	ug/l	98
8) Diethyl Ether	2.376	74	81800	48.737	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.581	101	116498	46.793	ug/l	99
10) Methyl Iodide	2.723	142	171924	46.701	ug/l	99
11) Tert butyl alcohol	3.173	59	222531	250.499	ug/l #	42
12) 1,1-Dichloroethene	2.581	96	115016	48.434	ug/l	99
13) Acrolein	2.485	56	69565	236.068	ug/l	100
14) Allyl chloride	2.925	41	217257	47.236	ug/l	97
15) Acrylonitrile	3.311	53	503290	261.222	ug/l	98
16) Acetone	2.623	43	438254	245.423	ug/l	100
17) Carbon Disulfide	2.794	76	316655	45.679	ug/l	99
18) Methyl Acetate	2.945	43	244135	54.452	ug/l	99
19) Methyl tert-butyl Ether	3.363	73	441069	48.951	ug/l	97
20) Methylene Chloride	3.044	84	145707	47.983	ug/l	99
21) trans-1,2-Dichloroethene	3.353	96	126871	46.706	ug/l	93
22) Diisopropyl ether	3.993	45	443928	52.324	ug/l	94
23) Vinyl Acetate	3.954	43	1956087	266.108	ug/l	99
24) 1,1-Dichloroethane	3.871	63	260680	48.922	ug/l	99
25) 2-Butanone	4.697	43	679690	264.952	ug/l	99
26) 2,2-Dichloropropane	4.665	77	145915	30.524	ug/l	97
27) cis-1,2-Dichloroethene	4.668	96	148627	47.271	ug/l	96
28) Bromochloromethane	4.974	49	108007	51.677	ug/l	97
29) Tetrahydrofuran	5.048	42	434870	269.122	ug/l	99
30) Chloroform	5.089	83	261382	49.025	ug/l	99
31) Cyclohexane	5.388	56	218467	49.474	ug/l	99
32) 1,1,1-Trichloroethane	5.318	97	234048	48.387	ug/l	99
36) 1,1-Dichloropropene	5.527	75	184832	47.473	ug/l	99
37) Ethyl Acetate	4.800	43	249602	50.712	ug/l	99
38) Carbon Tetrachloride	5.527	117	203767	45.619	ug/l	97
39) Methylcyclohexane	6.765	83	199885	48.963	ug/l	99
40) Benzene	5.774	78	552691	48.083	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.970	41	131548	52.889	ug/l	99
42) 1,2-Dichloroethane	5.794	62	213544	47.459	ug/l	100
43) Isopropyl Acetate	5.909	43	363138	50.833	ug/l	100
44) Trichloroethene	6.543	130	143403	48.425	ug/l	98
45) 1,2-Dichloropropane	6.790	63	152601	52.735	ug/l	100
46) Dibromomethane	6.919	93	106950	49.469	ug/l	99
47) Bromodichloromethane	7.105	83	210206	48.080	ug/l	98
48) Methyl methacrylate	6.961	41	172094	53.662	ug/l	99
49) 1,4-Dioxane	6.961	88	75959	1059.539	ug/l	100
51) 4-Methyl-2-Pentanone	7.790	43	1284056	276.818	ug/l	99
52) Toluene	7.970	92	345144	50.200	ug/l	100
53) t-1,3-Dichloropropene	8.211	75	219143	46.466	ug/l	99
54) cis-1,3-Dichloropropene	7.607	75	233497	47.778	ug/l	99
55) 1,1,2-Trichloroethane	8.401	97	147859	48.728	ug/l	99
56) Ethyl methacrylate	8.334	69	234580	48.979	ug/l	99
57) 1,3-Dichloropropane	8.575	76	254065	49.748	ug/l	98
58) 2-Chloroethyl Vinyl ether	7.462	63	222308	210.399	ug/l	98
59) 2-Hexanone	8.684	43	1011617	265.644	ug/l	100
60) Dibromochloromethane	8.809	129	160991	47.331	ug/l	99
61) 1,2-Dibromoethane	8.925	107	154333	46.184	ug/l	98
64) Tetrachloroethene	8.555	164	124493	50.030	ug/l	97
65) Chlorobenzene	9.446	112	375986	49.608	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.536	131	142016	49.365	ug/l	98
67) Ethyl Benzene	9.572	91	663881	51.935	ug/l	98
68) m/p-Xylenes	9.694	106	526205	105.250	ug/l	100
69) o-Xylene	10.102	106	253271	51.563	ug/l	99
70) Styrene	10.115	104	435923	53.956	ug/l	99
71) Bromoform	10.292	173	136103	51.168	ug/l #	98
73) Isopropylbenzene	10.485	105	663445	52.600	ug/l	99
74) N-amyl acetate	10.317	43	304787	47.843	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.784	83	265374	51.557	ug/l	99
76) 1,2,3-Trichloropropane	10.826	75	310065	49.223	ug/l	99
77) Bromobenzene	10.784	156	171172	50.533	ug/l	98
78) n-propylbenzene	10.906	91	807342	53.718	ug/l	100
79) 2-Chlorotoluene	10.986	91	480077	51.365	ug/l	99
80) 1,3,5-Trimethylbenzene	11.089	105	593705	54.128	ug/l	100
81) trans-1,4-Dichloro-2-b...	10.546	75	78393	45.186	ug/l	99
82) 4-Chlorotoluene	11.096	91	575125	53.333	ug/l	98
83) tert-Butylbenzene	11.420	119	563946	53.570	ug/l	99
84) 1,2,4-Trimethylbenzene	11.469	105	595172	50.340	ug/l	99
85) sec-Butylbenzene	11.642	105	707070	53.688	ug/l	100
86) p-Isopropyltoluene	11.793	119	610973	54.021	ug/l	100
87) 1,3-Dichlorobenzene	11.745	146	335549	50.524	ug/l	99
88) 1,4-Dichlorobenzene	11.835	146	341252	49.735	ug/l	99
89) n-Butylbenzene	12.208	91	530355	46.986	ug/l	100
90) Hexachloroethane	12.475	117	109231	47.324	ug/l	99
91) 1,2-Dichlorobenzene	12.211	146	327008	48.740	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.996	75	76651	51.721	ug/l	98
93) 1,2,4-Trichlorobenzene	13.841	180	208350	47.324	ug/l	99
94) Hexachlorobutadiene	14.022	225	92762	43.957	ug/l	100
95) Naphthalene	14.086	128	664129	43.532	ug/l	100
96) 1,2,3-Trichlorobenzene	14.330	180	213224	48.898	ug/l	99

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

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