

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052722\
 Data File : VU048729.D
 Acq On : 28 May 2022 06:19
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Quant Time: May 30 03:03:07 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	255427	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.250	114	431651	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	403910	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	218104	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.700	65	189978	49.525	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	99.040%
35) Dibromofluoromethane	5.289	113	147080	47.761	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.520%
50) Toluene-d8	7.899	98	538736	48.803	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.600%
62) 4-Bromofluorobenzene	10.632	95	209620	50.211	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	100.420%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	137879	47.153	ug/l	98
3) Chloromethane	1.523	50	160527	42.645	ug/l	98
4) Vinyl Chloride	1.604	62	167312	47.990	ug/l	93
5) Bromomethane	1.848	94	55776	26.699	ug/l	98
6) Chloroethane	1.929	64	101782	53.335	ug/l	99
7) Trichlorofluoromethane	2.138	101	231607	46.515	ug/l	100
8) Diethyl Ether	2.375	74	90525	49.267	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.581	101	123171	45.191	ug/l	99
10) Methyl Iodide	2.723	142	175459	43.739	ug/l	98
11) Tert butyl alcohol	3.173	59	243977	250.866	ug/l #	42
12) 1,1-Dichloroethene	2.581	96	126624	48.707	ug/l	98
13) Acrolein	2.485	56	46769	143.303	ug/l	95
14) Allyl chloride	2.922	41	228198	45.320	ug/l	99
15) Acrylonitrile	3.308	53	562375	266.622	ug/l	99
16) Acetone	2.620	43	478009	244.514	ug/l	100
17) Carbon Disulfide	2.793	76	334733	44.107	ug/l	100
18) Methyl Acetate	2.945	43	293549	59.806	ug/l	99
19) Methyl tert-butyl Ether	3.363	73	507088	51.407	ug/l	99
20) Methylene Chloride	3.044	84	156646	47.120	ug/l	98
21) trans-1,2-Dichloroethene	3.353	96	136894	46.034	ug/l	94
22) Diisopropyl ether	3.990	45	480649	51.749	ug/l	99
23) Vinyl Acetate	3.954	43	2068694	257.065	ug/l	100
24) 1,1-Dichloroethane	3.871	63	285005	48.857	ug/l	99
25) 2-Butanone	4.697	43	759552	270.453	ug/l	98
26) 2,2-Dichloropropane	4.665	77	143664	27.451	ug/l	95
27) cis-1,2-Dichloroethene	4.668	96	166231	48.293	ug/l	94
28) Bromochloromethane	4.973	49	119444	52.203	ug/l	96
29) Tetrahydrofuran	5.047	42	479646	271.137	ug/l	99
30) Chloroform	5.089	83	283314	48.539	ug/l	98
31) Cyclohexane	5.388	56	232775	48.151	ug/l	99
32) 1,1,1-Trichloroethane	5.317	97	252321	47.649	ug/l	100
36) 1,1-Dichloropropene	5.526	75	200534	44.618	ug/l	98
37) Ethyl Acetate	4.800	43	273833	48.194	ug/l	98
38) Carbon Tetrachloride	5.526	117	222229	43.098	ug/l	100
39) Methylcyclohexane	6.764	83	224407	47.619	ug/l	99
40) Benzene	5.774	78	598295	45.090	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.970	41	146733	51.105	ug/l	99
42) 1,2-Dichloroethane	5.793	62	231325	44.535	ug/l	100
43) Isopropyl Acetate	5.909	43	399124	48.398	ug/l	99
44) Trichloroethene	6.543	130	154820	45.289	ug/l	95
45) 1,2-Dichloropropane	6.790	63	166397	49.812	ug/l	99
46) Dibromomethane	6.919	93	117710	47.165	ug/l	99
47) Bromodichloromethane	7.105	83	227840	45.143	ug/l	98
48) Methyl methacrylate	6.957	41	190152	51.363	ug/l	99
49) 1,4-Dioxane	6.960	88	81465	984.370	ug/l	98
51) 4-Methyl-2-Pentanone	7.790	43	1413463	263.964	ug/l	100
52) Toluene	7.970	92	381323	48.045	ug/l	98
53) t-1,3-Dichloropropene	8.211	75	243346	44.697	ug/l	98
54) cis-1,3-Dichloropropene	7.607	75	252057	44.678	ug/l	98
55) 1,1,2-Trichloroethane	8.401	97	159935	45.659	ug/l	99
56) Ethyl methacrylate	8.333	69	267535	48.421	ug/l	98
57) 1,3-Dichloropropane	8.575	76	278968	47.319	ug/l	98
58) 2-Chloroethyl Vinyl ether	7.462	63	235122	195.261	ug/l	98
59) 2-Hexanone	8.681	43	1134381	258.043	ug/l	100
60) Dibromochloromethane	8.809	129	181658	46.265	ug/l	100
61) 1,2-Dibromoethane	8.925	107	177292	45.959	ug/l	99
64) Tetrachloroethene	8.552	164	126787	45.095	ug/l	97
65) Chlorobenzene	9.446	112	411923	48.219	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.536	131	157549	48.587	ug/l	98
67) Ethyl Benzene	9.571	91	749856	52.044	ug/l	98
68) m/p-Xylenes	9.694	106	576909	102.376	ug/l	100
69) o-Xylene	10.102	106	283262	51.164	ug/l	100
70) Styrene	10.115	104	482847	53.023	ug/l	99
71) Bromoform	10.292	173	148528	49.541	ug/l #	99
73) Isopropylbenzene	10.484	105	743273	52.787	ug/l	100
74) N-amyl acetate	10.317	43	336392	47.328	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.783	83	293145	51.016	ug/l	99
76) 1,2,3-Trichloropropane	10.822	75	310435	44.145	ug/l	97
77) Bromobenzene	10.783	156	185016	48.926	ug/l	99
78) n-propylbenzene	10.906	91	882049	52.571	ug/l	99
79) 2-Chlorotoluene	10.986	91	524362	50.255	ug/l	100
80) 1,3,5-Trimethylbenzene	11.089	105	646529	52.799	ug/l	99
81) trans-1,4-Dichloro-2-b...	10.546	75	57289	29.579	ug/l	100
82) 4-Chlorotoluene	11.095	91	620052	51.505	ug/l	100
83) tert-Butylbenzene	11.420	119	638840	54.359	ug/l	99
84) 1,2,4-Trimethylbenzene	11.468	105	670227	50.769	ug/l	98
85) sec-Butylbenzene	11.642	105	786949	53.525	ug/l	99
86) p-Isopropyltoluene	11.793	119	672908	53.296	ug/l	100
87) 1,3-Dichlorobenzene	11.745	146	361624	48.775	ug/l	99
88) 1,4-Dichlorobenzene	11.835	146	361051	47.135	ug/l	99
89) n-Butylbenzene	12.208	91	599670	47.561	ug/l	98
90) Hexachloroethane	12.475	117	109849	42.630	ug/l	100
91) 1,2-Dichlorobenzene	12.211	146	366561	48.940	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.996	75	84888	51.308	ug/l	98
93) 1,2,4-Trichlorobenzene	13.838	180	245516	49.952	ug/l	99
94) Hexachlorobutadiene	14.021	225	100131	42.503	ug/l	99
95) Naphthalene	14.086	128	988240	57.181	ug/l	100
96) 1,2,3-Trichlorobenzene	14.330	180	242692	49.854	ug/l	98

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

