

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060122\
 Data File : VU048774.D
 Acq On : 01 Jun 2022 11:29
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Quant Time: Jun 02 06:30:58 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	291357	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.250	114	474939	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	441368	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	245445	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.700	65	199278	45.543	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	91.080%
35) Dibromofluoromethane	5.288	113	161843	47.765	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.520%
50) Toluene-d8	7.899	98	589241	48.514	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.020%
62) 4-Bromofluorobenzene	10.632	95	228391	49.721	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.440%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.382	85	144020	43.179	ug/l	98
3) Chloromethane	1.523	50	186176	43.360	ug/l	99
4) Vinyl Chloride	1.604	62	180448	45.375	ug/l	96
5) Bromomethane	1.845	94	131722	60.464	ug/l	99
6) Chloroethane	1.925	64	108727	49.783	ug/l	97
7) Trichlorofluoromethane	2.134	101	247299	43.542	ug/l	97
8) Diethyl Ether	2.375	74	97952	46.735	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.578	101	143758	46.240	ug/l	99
10) Methyl Iodide	2.719	142	211829	46.118	ug/l	97
11) Tert butyl alcohol	3.176	59	255388	230.216	ug/l #	42
12) 1,1-Dichloroethene	2.578	96	140435	47.358	ug/l	98
13) Acrolein	2.481	56	63042	170.129	ug/l	98
14) Allyl chloride	2.922	41	275973	48.049	ug/l	98
15) Acrylonitrile	3.308	53	595257	247.409	ug/l	99
16) Acetone	2.620	43	518895	232.695	ug/l	99
17) Carbon Disulfide	2.790	76	364030	42.052	ug/l	99
18) Methyl Acetate	2.944	43	282879	50.525	ug/l	100
19) Methyl tert-butyl Ether	3.362	73	552531	49.106	ug/l	99
20) Methylene Chloride	3.044	84	174598	46.043	ug/l	97
21) trans-1,2-Dichloroethene	3.353	96	154889	45.662	ug/l	96
22) Diisopropyl ether	3.989	45	549183	51.836	ug/l	98
23) Vinyl Acetate	3.954	43	2389320	260.293	ug/l	99
24) 1,1-Dichloroethane	3.870	63	313283	47.082	ug/l	99
25) 2-Butanone	4.697	43	808036	252.235	ug/l	98
26) 2,2-Dichloropropane	4.665	77	266218	44.596	ug/l	99
27) cis-1,2-Dichloroethene	4.665	96	186053	47.386	ug/l	98
28) Bromochloromethane	4.973	49	130807	50.119	ug/l	99
29) Tetrahydrofuran	5.047	42	510937	253.207	ug/l	99
30) Chloroform	5.089	83	317983	47.760	ug/l	97
31) Cyclohexane	5.388	56	262937	47.683	ug/l	97
32) 1,1,1-Trichloroethane	5.317	97	273392	45.261	ug/l	98
36) 1,1-Dichloropropene	5.526	75	227624	46.029	ug/l	99
37) Ethyl Acetate	4.800	43	293516	46.950	ug/l	100
38) Carbon Tetrachloride	5.526	117	238757	42.083	ug/l	99
39) Methylcyclohexane	6.764	83	258675	49.887	ug/l	99
40) Benzene	5.774	78	676015	46.304	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.970	41	157607	49.889	ug/l	98
42) 1,2-Dichloroethane	5.793	62	249910	43.728	ug/l	98
43) Isopropyl Acetate	5.909	43	448387	49.416	ug/l	100
44) Trichloroethene	6.542	130	171649	45.635	ug/l	99
45) 1,2-Dichloropropane	6.790	63	187733	51.077	ug/l	96
46) Dibromomethane	6.919	93	129108	47.017	ug/l	99
47) Bromodichloromethane	7.105	83	257955	46.452	ug/l	98
48) Methyl methacrylate	6.960	41	212502	52.169	ug/l	98
49) 1,4-Dioxane	6.964	88	82940	910.849	ug/l	95
51) 4-Methyl-2-Pentanone	7.790	43	1533621	260.299	ug/l	99
52) Toluene	7.970	92	423168	48.458	ug/l	98
53) t-1,3-Dichloropropene	8.211	75	286727	47.865	ug/l	98
54) cis-1,3-Dichloropropene	7.607	75	301709	48.605	ug/l	99
55) 1,1,2-Trichloroethane	8.401	97	180878	46.931	ug/l	99
56) Ethyl methacrylate	8.333	69	294797	48.488	ug/l	98
57) 1,3-Dichloropropane	8.574	76	314740	48.521	ug/l	98
58) 2-Chloroethyl Vinyl ether	7.462	63	288007	214.009	ug/l	99
59) 2-Hexanone	8.684	43	1208245	249.794	ug/l	99
60) Dibromochloromethane	8.812	129	198881	46.035	ug/l	99
61) 1,2-Dibromoethane	8.925	107	196096	46.200	ug/l	100
64) Tetrachloroethene	8.555	164	145729	47.493	ug/l	97
65) Chlorobenzene	9.446	112	465859	49.905	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.536	131	174228	49.171	ug/l	98
67) Ethyl Benzene	9.571	91	831727	52.827	ug/l	100
68) m/p-Xylenes	9.693	106	645860	104.885	ug/l	99
69) o-Xylene	10.102	106	313593	51.836	ug/l	100
70) Styrene	10.115	104	542314	54.499	ug/l	99
71) Bromoform	10.291	173	152637	46.591	ug/l #	100
73) Isopropylbenzene	10.484	105	811618	51.220	ug/l	100
74) N-amyl acetate	10.320	43	375817	47.002	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.783	83	319329	49.382	ug/l	99
76) 1,2,3-Trichloropropane	10.825	75	382370	48.317	ug/l	98
77) Bromobenzene	10.783	156	208573	49.012	ug/l	98
78) n-propylbenzene	10.906	91	1008852	53.430	ug/l	99
79) 2-Chlorotoluene	10.986	91	599437	51.051	ug/l	99
80) 1,3,5-Trimethylbenzene	11.089	105	736016	53.412	ug/l	100
81) trans-1,4-Dichloro-2-b...	10.545	75	100996	46.338	ug/l	98
82) 4-Chlorotoluene	11.095	91	705340	52.063	ug/l	98
83) tert-Butylbenzene	11.420	119	712917	53.905	ug/l	100
84) 1,2,4-Trimethylbenzene	11.468	105	748953	50.421	ug/l	99
85) sec-Butylbenzene	11.645	105	895772	54.139	ug/l	98
86) p-Isopropyltoluene	11.793	119	781689	55.015	ug/l	100
87) 1,3-Dichlorobenzene	11.745	146	410901	49.247	ug/l	99
88) 1,4-Dichlorobenzene	11.835	146	420399	48.769	ug/l	99
89) n-Butylbenzene	12.208	91	717829	50.452	ug/l	99
90) Hexachloroethane	12.478	117	130518	45.009	ug/l	99
91) 1,2-Dichlorobenzene	12.211	146	415437	49.287	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.995	75	86316	46.360	ug/l	96
93) 1,2,4-Trichlorobenzene	13.841	180	283859	51.320	ug/l	99
94) Hexachlorobutadiene	14.021	225	120231	45.350	ug/l	99
95) Naphthalene	14.085	128	978844	50.632	ug/l	100
96) 1,2,3-Trichlorobenzene	14.330	180	281828	51.444	ug/l	99

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

