

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU022221\
 Data File : VU042380.D
 Acq On : 22 Feb 2021 09:37
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 2/23/2021 1:23:57 PM

Quant Time: Feb 22 13:34:54 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U021721W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 19 02:55:52 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.385	168	157614	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.260	114	239389	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.427	117	226509	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.822	152	126036	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.713	65	120954	50.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.20%	
35) Dibromofluoromethane	5.298	113	86073	50.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.88%	
50) Toluene-d8	7.906	98	309919	51.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.42%	
62) 4-Bromofluorobenzene	10.642	95	123365	51.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.44%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.388	85	96226	50.63	ug/l	98
3) Chloromethane	1.523	50	90302	46.51	ug/l	99
4) Vinyl Chloride	1.607	62	90717	48.81	ug/l	99
5) Bromomethane	1.861	94	54295	47.42	ug/l	99
6) Chloroethane	1.935	64	54086	50.53	ug/l	100
7) Trichlorofluoromethane	2.141	101	143370	50.28	ug/l	97
8) Diethyl Ether	2.382	74	44680	49.28	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.588	101	75942	51.02	ug/l	97
10) Methyl Iodide	2.729	142	104004	48.92	ug/l	100
11) Tert butyl alcohol	3.237	59	134096	262.60	ug/l #	97
12) 1,1-Dichloroethene	2.588	96	72108	49.63	ug/l	97
13) Acrolein	2.494	56	59079	199.46	ug/l	97
14) Allyl chloride	2.932	41	162538	50.50	ug/l	99
15) Acrylonitrile	3.324	53	311083	252.24	ug/l	99
16) Acetone	2.642	43	444521	299.82	ug/l	99
17) Carbon Disulfide	2.800	76	214432	49.07	ug/l	99
18) Methyl Acetate	2.957	43	139124	51.67	ug/l	99
19) Methyl tert-butyl Ether	3.372	73	276239	50.21	ug/l	99
20) Methylene Chloride	3.054	84	83669	48.95	ug/l	100
21) trans-1,2-Dichloroethene	3.363	96	79787	51.22	ug/l	98
22) Diisopropyl ether	4.002	45	309043	50.56	ug/l	98
23) Vinyl Acetate	3.967	43	1490724	256.73	ug/l	99
24) 1,1-Dichloroethane	3.880	63	159501	50.29	ug/l	100
25) 2-Butanone	4.716	43	535820	271.80	ug/l	100
26) 2,2-Dichloropropane	4.674	77	148819	51.71	ug/l	100
27) cis-1,2-Dichloroethene	4.678	96	92411	51.22	ug/l	100
28) Bromochloromethane	4.983	49	82732	50.49	ug/l	99
29) Tetrahydrofuran	5.064	42	305152	249.01	ug/l	100
30) Chloroform	5.099	83	163427	50.68	ug/l	95
31) Cyclohexane	5.398	56	147189	47.02	ug/l	98
32) 1,1,1-Trichloroethane	5.327	97	148429	50.56	ug/l	100
36) 1,1-Dichloropropene	5.536	75	119231	50.37	ug/l	100
37) Ethyl Acetate	4.813	43	178369	48.47	ug/l	99
38) Carbon Tetrachloride	5.533	117	130417	51.54	ug/l	97
39) Methylcyclohexane	6.771	83	140325	51.25	ug/l	97
40) Benzene	5.784	78	335520	50.43	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.983	41	96176	50.72	ug/l	99
42) 1,2-Dichloroethane	5.803	62	146880	50.64	ug/l	100
43) Isopropyl Acetate	5.919	43	269756	49.88	ug/l	99
44) Trichloroethene	6.552	130	91081	51.40	ug/l	99
45) 1,2-Dichloropropane	6.800	63	93695	50.75	ug/l	97
46) Dibromomethane	6.925	93	65775	51.08	ug/l	98
47) Bromodichloromethane	7.115	83	132704	52.55	ug/l	99
48) Methyl methacrylate	6.967	41	135380	50.62	ug/l	99
49) 1,4-Dioxane	7.012	88	54527	1061.42	ug/l #	99
51) 4-Methyl-2-Pentanone	7.803	43	930877	254.32	ug/l	100
52) Toluene	7.977	92	210542	51.29	ug/l	100
53) t-1,3-Dichloropropene	8.218	75	150413	54.22	ug/l	98
54) cis-1,3-Dichloropropene	7.616	75	153168	51.93	ug/l	97
55) 1,1,2-Trichloroethane	8.411	97	86982	51.04	ug/l	97
56) Ethyl methacrylate	8.343	69	146142	50.03	ug/l	99
57) 1,3-Dichloropropane	8.584	76	153359	51.48	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.472	63	264521	229.19	ug/l	100
59) 2-Hexanone	8.697	43	773996	264.67	ug/l	99
60) Dibromochloromethane	8.819	129	106039	53.34	ug/l	100
61) 1,2-Dibromoethane	8.932	107	101797	52.52	ug/l	97
64) Tetrachloroethene	8.562	164	85821	50.27	ug/l	98
65) Chlorobenzene	9.456	112	227424	50.17	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.542	131	91574	52.94	ug/l	100
67) Ethyl Benzene	9.578	91	421579	51.63	ug/l	100
68) m/p-Xylenes	9.703	106	311464	103.12	ug/l	100
69) o-Xylene	10.108	106	149401	50.56	ug/l	99
70) Styrene	10.124	104	254903	51.78	ug/l	99
71) Bromoform	10.301	173	90627	54.36	ug/l #	98
73) Isopropylbenzene	10.494	105	414063	49.25	ug/l	99
74) N-amyl acetate	10.330	43	243386	50.69	ug/l	100
75) 1,1,2,2-Tetrachloroethane	10.793	83	161866	50.64	ug/l	100
76) 1,2,3-Trichloropropane	10.835	75	171348m	54.98	ug/l	
77) Bromobenzene	10.790	156	109969	48.88	ug/l	98
78) n-propylbenzene	10.915	91	495097	50.88	ug/l	100
79) 2-Chlorotoluene	10.996	91	291814	49.03	ug/l	99
80) 1,3,5-Trimethylbenzene	11.095	105	361505	50.06	ug/l	99
81) trans-1,4-Dichloro-2-b...	10.555	75	57988	50.59	ug/l	99
82) 4-Chlorotoluene	11.105	91	348642	50.34	ug/l	100
83) tert-Butylbenzene	11.430	119	351930	50.35	ug/l	100
84) 1,2,4-Trimethylbenzene	11.475	105	365786	50.61	ug/l	100
85) sec-Butylbenzene	11.652	105	417422	50.70	ug/l	100
86) p-Isopropyltoluene	11.803	119	391919	51.56	ug/l	100
87) 1,3-Dichlorobenzene	11.755	146	197225	50.75	ug/l	100
88) 1,4-Dichlorobenzene	11.845	146	199565	50.19	ug/l	99
89) n-Butylbenzene	12.218	91	359475	53.83	ug/l	99
90) Hexachloroethane	12.484	117	71418	52.99	ug/l	98
91) 1,2-Dichlorobenzene	12.221	146	200175	50.59	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	13.005	75	46592	53.18	ug/l	97
93) 1,2,4-Trichlorobenzene	13.848	180	138558	50.09	ug/l	99
94) Hexachlorobutadiene	14.031	225	72748	52.70	ug/l	98
95) Naphthalene	14.095	128	411421	48.78	ug/l	100
96) 1,2,3-Trichlorobenzene	14.340	180	133001	49.19	ug/l	100

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

