

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021721\
 Data File : VU042325.D
 Acq On : 17 Feb 2021 13:18
 Operator : SY/MD
 Sample : VSTDIC100
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC100

Manual Integrations
 APPROVED

MMDadoda
 2/19/2021 2:40:57 PM

Quant Time: Feb 18 03:22:17 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U021721W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 18 03:20:17 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.385	168	158806	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.260	114	238229	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.427	117	230731	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.822	152	134043	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.713	65	230759	95.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	190.26%	
35) Dibromofluoromethane	5.298	113	166758	78.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	157.22%	
50) Toluene-d8	7.909	98	613117	78.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	157.20%	
62) 4-Bromofluorobenzene	10.642	95	249714	81.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	163.72%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.388	85	200802	115.30	ug/l	100
3) Chloromethane	1.523	50	183629	88.58	ug/l	99
4) Vinyl Chloride	1.607	62	184788	88.98	ug/l	100
5) Bromomethane	1.864	94	108966	94.37	ug/l	97
6) Chloroethane	1.938	64	101683	76.18	ug/l	98
7) Trichlorofluoromethane	2.141	101	281120	99.06	ug/l	99
8) Diethyl Ether	2.382	74	87662	74.02	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.584	101	148058	81.72	ug/l	98
10) Methyl Iodide	2.729	142	213152	129.72	ug/l	99
11) Tert butyl alcohol	3.311	59	301625m	588.65	ug/l	
12) 1,1-Dichloroethene	2.584	96	143352	83.94	ug/l	99
13) Acrolein	2.498	56	146723	363.54	ug/l	99
14) Allyl chloride	2.932	41	325407	97.20	ug/l	99
15) Acrylonitrile	3.330	53	625218	496.31	ug/l	99
16) Acetone	2.652	43	699839	543.46	ug/l	100
17) Carbon Disulfide	2.800	76	430772	106.86	ug/l	99
18) Methyl Acetate	2.961	43	271204	89.92	ug/l	99
19) Methyl tert-butyl Ether	3.372	73	546726	88.08	ug/l	99
20) Methylene Chloride	3.054	84	163189	74.29	ug/l	99
21) trans-1,2-Dichloroethene	3.359	96	157889	87.33	ug/l	100
22) Diisopropyl ether	4.002	45	612207	95.22	ug/l	98
23) Vinyl Acetate	3.967	43	2985817	555.51	ug/l	100
24) 1,1-Dichloroethane	3.880	63	314062	82.82	ug/l	100
25) 2-Butanone	4.723	43	997652	582.76	ug/l	99
26) 2,2-Dichloropropane	4.674	77	287516	92.59	ug/l	100
27) cis-1,2-Dichloroethene	4.678	96	180668	82.84	ug/l	98
28) Bromochloromethane	4.986	49	154322	87.86	ug/l	100
29) Tetrahydrofuran	5.067	42	619457	593.39	ug/l	100
30) Chloroform	5.099	83	317551	82.11	ug/l	96
31) Cyclohexane	5.398	56	290344	100.31	ug/l	98
32) 1,1,1-Trichloroethane	5.327	97	288084	91.51	ug/l	99
36) 1,1-Dichloropropene	5.536	75	239181	93.06	ug/l	99
37) Ethyl Acetate	4.816	43	375250	119.48	ug/l	98
38) Carbon Tetrachloride	5.536	117	255616	92.85	ug/l	98
39) Methylcyclohexane	6.771	83	277492	100.36	ug/l	100
40) Benzene	5.784	78	659819	81.32	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.986	41	191909	115.66	ug/l	100
42) 1,2-Dichloroethane	5.803	62	283453	97.23	ug/l	100
43) Isopropyl Acetate	5.922	43	538115	110.75	ug/l	100
44) Trichloroethene	6.552	130	177072	79.04	ug/l	98
45) 1,2-Dichloropropane	6.800	63	183625	78.06	ug/l	97
46) Dibromomethane	6.928	93	129697	86.31	ug/l	98
47) Bromodichloromethane	7.115	83	260588	84.61	ug/l	100
48) Methyl methacrylate	6.970	41	274953	117.82	ug/l	99
49) 1,4-Dioxane	7.034	88	106994	2129.43	ug/l #	98
51) 4-Methyl-2-Pentanone	7.806	43	1897378	566.09	ug/l	100
52) Toluene	7.980	92	418090	82.56	ug/l	99
53) t-1,3-Dichloropropene	8.221	75	297580	92.81	ug/l	100
54) cis-1,3-Dichloropropene	7.616	75	306933	87.97	ug/l	99
55) 1,1,2-Trichloroethane	8.411	97	172032	75.49	ug/l	97
56) Ethyl methacrylate	8.343	69	306674	97.92	ug/l	99
57) 1,3-Dichloropropane	8.584	76	300382	80.14	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.475	63	568233	551.61	ug/l	100
59) 2-Hexanone	8.703	43	1532550	604.41	ug/l	99
60) Dibromochloromethane	8.819	129	211560	85.55	ug/l	99
61) 1,2-Dibromoethane	8.935	107	199735	87.97	ug/l	99
64) Tetrachloroethene	8.562	164	164392	83.26	ug/l	98
65) Chlorobenzene	9.456	112	455496	80.06	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.542	131	180321	82.30	ug/l	99
67) Ethyl Benzene	9.578	91	839140	89.22	ug/l	99
68) m/p-Xylenes	9.703	106	624469	177.85	ug/l	99
69) o-Xylene	10.108	106	302511	88.13	ug/l	100
70) Styrene	10.124	104	530793	89.03	ug/l	98
71) Bromoform	10.301	173	189898	98.52	ug/l #	98
73) Isopropylbenzene	10.494	105	838387	95.77	ug/l	100
74) N-amyl acetate	10.330	43	511052	134.91	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.793	83	329279	92.55	ug/l	99
76) 1,2,3-Trichloropropane	10.835	75	319570m	105.90	ug/l	
77) Bromobenzene	10.793	156	224962	92.14	ug/l	98
78) n-propylbenzene	10.915	91	1010249	99.78	ug/l	100
79) 2-Chlorotoluene	10.996	91	592966	95.83	ug/l	99
80) 1,3,5-Trimethylbenzene	11.099	105	743949	101.58	ug/l	100
81) trans-1,4-Dichloro-2-b...	10.558	75	124851	132.84	ug/l	97
82) 4-Chlorotoluene	11.105	91	718977	100.94	ug/l	100
83) tert-Butylbenzene	11.430	119	726859	98.88	ug/l	99
84) 1,2,4-Trimethylbenzene	11.478	105	754402	102.37	ug/l	100
85) sec-Butylbenzene	11.652	105	857270	99.35	ug/l	100
86) p-Isopropyltoluene	11.803	119	815572	102.40	ug/l	99
87) 1,3-Dichlorobenzene	11.754	146	413500	93.23	ug/l	99
88) 1,4-Dichlorobenzene	11.848	146	416933	90.23	ug/l	98
89) n-Butylbenzene	12.217	91	756199	109.30	ug/l	100
90) Hexachloroethane	12.484	117	150795	114.34	ug/l	99
91) 1,2-Dichlorobenzene	12.224	146	407324	93.01	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	13.005	75	93986	134.74	ug/l	99
93) 1,2,4-Trichlorobenzene	13.851	180	289674	112.58	ug/l	98
94) Hexachlorobutadiene	14.031	225	149619	97.29	ug/l	99
95) Naphthalene	14.095	128	890999	126.33	ug/l	100
96) 1,2,3-Trichlorobenzene	14.340	180	284037	106.29	ug/l	99

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

