

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051221\
 Data File : VU043669.D
 Acq On : 12 May 2021 11:34
 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
 5/13/2021 4:08:52 PM

Quant Time: May 12 16:44:21 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U050621W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 11 09:51:45 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.382	168	101387	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	165393	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	153138	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	79933	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	96059	45.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.62%	
35) Dibromofluoromethane	5.298	113	65154	47.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.46%	
50) Toluene-d8	7.906	98	234022	50.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.90%	
62) 4-Bromofluorobenzene	10.639	95	87217	48.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.46%	
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.388	85	69009	48.80	ug/l	98
3) Chloromethane	1.523	50	93968	53.76	ug/l	99
4) Vinyl Chloride	1.607	62	80955	50.30	ug/l	98
5) Bromomethane	1.851	94	40272	44.45	ug/l	99
6) Chloroethane	1.935	64	48378	46.87	ug/l	99
7) Trichlorofluoromethane	2.141	101	109856	50.40	ug/l	98
8) Diethyl Ether	2.382	74	41604	52.65	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.588	101	64009	52.99	ug/l	98
10) Methyl Iodide	2.729	142	57550	38.84	ug/l	99
11) Tert butyl alcohol	3.195	59	126370	229.49	ug/l	99
12) 1,1-Dichloroethene	2.584	96	59687	50.85	ug/l	94
13) Acrolein	2.491	56	73587	303.09	ug/l	97
14) Allyl chloride	2.932	41	157999	53.72	ug/l	96
15) Acrylonitrile	3.321	53	287535	287.68	ug/l	99
16) Acetone	2.633	43	319601	280.54	ug/l	100
17) Carbon Disulfide	2.800	76	180468	48.49	ug/l	100
18) Methyl Acetate	2.954	43	153441	58.92	ug/l	99
19) Methyl tert-butyl Ether	3.372	73	213355	52.85	ug/l	97
20) Methylene Chloride	3.054	84	76108	47.48	ug/l	97
21) trans-1,2-Dichloroethene	3.359	96	67177	52.64	ug/l	96
22) Diisopropyl ether	3.999	45	272476	54.01	ug/l	91
23) Vinyl Acetate	3.964	43	1426400	246.74	ug/l	99
24) 1,1-Dichloroethane	3.880	63	146478	50.23	ug/l	99
25) 2-Butanone	4.710	43	501999	285.82	ug/l	100
26) 2,2-Dichloropropane	4.678	77	118100	60.09	ug/l	99
27) cis-1,2-Dichloroethene	4.678	96	75934	51.58	ug/l	95
28) Bromochloromethane	4.983	49	73071	49.94	ug/l	96
29) Tetrahydrofuran	5.057	42	290949	291.71	ug/l	99
30) Chloroform	5.099	83	140025	49.67	ug/l	98
31) Cyclohexane	5.398	56	120051	49.01	ug/l	99
32) 1,1,1-Trichloroethane	5.327	97	118091	49.15	ug/l	98
36) 1,1-Dichloropropene	5.536	75	101665	54.14	ug/l	99
37) Ethyl Acetate	4.809	43	180648	56.80	ug/l	99
38) Carbon Tetrachloride	5.533	117	99050	52.05	ug/l	98
39) Methylcyclohexane	6.771	83	100607	55.45	ug/l	98
40) Benzene	5.784	78	298512	53.03	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.980	41	98042	53.12	ug/l	99
42) 1,2-Dichloroethane	5.803	62	128636	52.05	ug/l	99
43) Isopropyl Acetate	5.919	43	257866	55.29	ug/l	99
44) Trichloroethene	6.549	130	69289	52.42	ug/l	98
45) 1,2-Dichloropropane	6.800	63	87874	52.98	ug/l	99
46) Dibromomethane	6.925	93	56296	53.84	ug/l	97
47) Bromodichloromethane	7.115	83	112985	53.37	ug/l	97
48) Methyl methacrylate	6.967	41	127825	54.54	ug/l	99
49) 1,4-Dioxane	6.980	88	39005	906.39	ug/l	98
51) 4-Methyl-2-Pentanone	7.796	43	935187	245.28	ug/l	99
52) Toluene	7.976	92	173907	53.45	ug/l	100
53) t-1,3-Dichloropropene	8.218	75	123122	50.55	ug/l	99
54) cis-1,3-Dichloropropene	7.613	75	131183	56.68	ug/l	99
55) 1,1,2-Trichloroethane	8.407	97	74379	52.45	ug/l	99
56) Ethyl methacrylate	8.340	69	124431	46.78	ug/l	99
57) 1,3-Dichloropropane	8.581	76	137454	54.50	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.472	63	182798	223.80	ug/l	98
59) 2-Hexanone	8.690	43	749141	241.45	ug/l	100
60) Dibromochloromethane	8.816	129	79036	52.39	ug/l	99
61) 1,2-Dibromoethane	8.931	107	81964	53.50	ug/l	100
64) Tetrachloroethene	8.558	164	62638	52.96	ug/l	96
65) Chlorobenzene	9.452	112	178107	52.72	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.542	131	68017	52.33	ug/l	97
67) Ethyl Benzene	9.578	91	336011	49.73	ug/l	98
68) m/p-Xylenes	9.700	106	248373	100.55	ug/l	98
69) o-Xylene	10.108	106	118136	48.96	ug/l	100
70) Styrene	10.121	104	204109	47.89	ug/l	99
71) Bromoform	10.298	173	62053	46.20	ug/l #	98
73) Isopropylbenzene	10.491	105	322159	56.23	ug/l	100
74) N-amyl acetate	10.327	43	211921	49.74	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.790	83	140347	51.93	ug/l	98
76) 1,2,3-Trichloropropane	10.832	75	127437m	50.14	ug/l	
77) Bromobenzene	10.790	156	77584	52.61	ug/l	99
78) n-propylbenzene	10.912	91	405584	57.90	ug/l	100
79) 2-Chlorotoluene	10.992	91	235644	54.26	ug/l	100
80) 1,3,5-Trimethylbenzene	11.095	105	281165	52.02	ug/l	100
81) trans-1,4-Dichloro-2-b...	10.552	75	45343	58.10	ug/l	95
82) 4-Chlorotoluene	11.102	91	281267	56.68	ug/l	100
83) tert-Butylbenzene	11.426	119	259902	54.56	ug/l	99
84) 1,2,4-Trimethylbenzene	11.475	105	281722	51.50	ug/l	99
85) sec-Butylbenzene	11.648	105	333855	51.31	ug/l	99
86) p-Isopropyltoluene	11.799	119	290010	51.79	ug/l	99
87) 1,3-Dichlorobenzene	11.751	146	144786	51.89	ug/l	99
88) 1,4-Dichlorobenzene	11.841	146	146760	50.72	ug/l	99
89) n-Butylbenzene	12.214	91	283752	51.48	ug/l	100
90) Hexachloroethane	12.484	117	44138	55.06	ug/l	96
91) 1,2-Dichlorobenzene	12.217	146	145054	50.35	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	13.002	75	40856	61.34	ug/l	94
93) 1,2,4-Trichlorobenzene	13.848	180	101413	54.15	ug/l	98
94) Hexachlorobutadiene	14.028	225	48908	54.85	ug/l	99
95) Naphthalene	14.092	128	364087	53.57	ug/l	99
96) 1,2,3-Trichlorobenzene	14.336	180	106159	56.83	ug/l	98

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

