

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU050621\
 Data File : VU043567.D
 Acq On : 05 May 2021 22:50
 Operator : SY/MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 5/7/2021 12:51:39 PM

Quant Time: May 06 06:53:44 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U050621W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 06 06:50:57 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.382	168	93757	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	158321	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	147694	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	78210	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	89050	54.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.56%	
35) Dibromofluoromethane	5.298	113	59287	49.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.66%	
50) Toluene-d8	7.906	98	213591	50.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.48%	
62) 4-Bromofluorobenzene	10.639	95	78737	47.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.02%	
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.385	85	63511	62.21	ug/l	100
3) Chloromethane	1.520	50	78263	63.00	ug/l	100
4) Vinyl Chloride	1.607	62	72221	64.09	ug/l	100
5) Bromomethane	1.838	94	41362	66.46	ug/l	100
6) Chloroethane	1.925	64	45466	53.92	ug/l	100
7) Trichlorofluoromethane	2.137	101	101713	55.14	ug/l	100
8) Diethyl Ether	2.382	74	37082	61.39	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.581	101	55955	58.32	ug/l	100
10) Methyl Iodide	2.726	142	70994	57.00	ug/l	100
11) Tert butyl alcohol	3.195	59	113859	272.76	ug/l	100
12) 1,1-Dichloroethene	2.581	96	56149	60.90	ug/l	100
13) Acrolein	2.488	56	52818	232.54	ug/l	100
14) Allyl chloride	2.928	41	138301	61.32	ug/l	100
15) Acrylonitrile	3.317	53	236825	265.37	ug/l	100
16) Acetone	2.629	43	252885	250.28	ug/l	100
17) Carbon Disulfide	2.797	76	169939	59.79	ug/l	100
18) Methyl Acetate	2.951	43	122171	59.16	ug/l	100
19) Methyl tert-butyl Ether	3.372	73	197702	55.54	ug/l	100
20) Methylene Chloride	3.051	84	69256	58.92	ug/l	100
21) trans-1,2-Dichloroethene	3.359	96	62565	58.45	ug/l	100
22) Diisopropyl ether	3.999	45	250541	59.08	ug/l	100
23) Vinyl Acetate	3.964	43	1285622	310.33	ug/l	100
24) 1,1-Dichloroethane	3.877	63	136287	62.45	ug/l	100
25) 2-Butanone	4.706	43	412687	280.20	ug/l	100
26) 2,2-Dichloropropane	4.671	77	92865	51.07	ug/l	100
27) cis-1,2-Dichloroethene	4.674	96	72088	59.45	ug/l	100
28) Bromochloromethane	4.983	49	66317	59.82	ug/l	100
29) Tetrahydrofuran	5.057	42	239853	262.28	ug/l	100
30) Chloroform	5.096	83	132894	58.56	ug/l	100
31) Cyclohexane	5.395	56	107960	53.76	ug/l	100
32) 1,1,1-Trichloroethane	5.324	97	113215	56.94	ug/l	100
36) 1,1-Dichloropropene	5.533	75	94569	55.26	ug/l	100
37) Ethyl Acetate	4.809	43	154827	52.81	ug/l	100
38) Carbon Tetrachloride	5.533	117	93291	51.64	ug/l	100
39) Methylcyclohexane	6.771	83	89352	48.77	ug/l	100
40) Benzene	5.780	78	278177	56.46	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.980	41	84203	54.45	ug/l	100
42) 1,2-Dichloroethane	5.803	62	121394	55.76	ug/l	100
43) Isopropyl Acetate	5.919	43	230022	55.01	ug/l	100
44) Trichloroethene	6.549	130	66321	53.75	ug/l	100
45) 1,2-Dichloropropane	6.800	63	79958	58.01	ug/l	100
46) Dibromomethane	6.925	93	53393	55.28	ug/l	100
47) Bromodichloromethane	7.112	83	106128	55.69	ug/l	100
48) Methyl methacrylate	6.967	41	115931	55.37	ug/l	100
49) 1,4-Dioxane	6.973	88	38777	963.99	ug/l	100
51) 4-Methyl-2-Pentanone	7.800	43	816417	266.42	ug/l	100
52) Toluene	7.976	92	166156	55.04	ug/l	100
53) t-1,3-Dichloropropene	8.218	75	110759	53.08	ug/l	100
54) cis-1,3-Dichloropropene	7.613	75	115827	54.34	ug/l	100
55) 1,1,2-Trichloroethane	8.407	97	69632	53.70	ug/l	100
56) Ethyl methacrylate	8.340	69	113933	54.01	ug/l	100
57) 1,3-Dichloropropane	8.581	76	124326	55.20	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.468	63	176474	243.60	ug/l	100
59) 2-Hexanone	8.690	43	655393	262.14	ug/l	100
60) Dibromochloromethane	8.816	129	74439	50.67	ug/l	100
61) 1,2-Dibromoethane	8.931	107	76641	52.93	ug/l	100
64) Tetrachloroethene	8.558	164	60402	54.99	ug/l	100
65) Chlorobenzene	9.452	112	168172	52.38	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.542	131	65011	53.13	ug/l	100
67) Ethyl Benzene	9.578	91	319983	54.96	ug/l	100
68) m/p-Xylenes	9.700	106	237684	110.68	ug/l	100
69) o-Xylene	10.108	106	113209	54.11	ug/l	100
70) Styrene	10.121	104	198313	56.16	ug/l	100
71) Bromoform	10.298	173	58614	47.33	ug/l #	100
73) Isopropylbenzene	10.491	105	305367	56.42	ug/l	100
74) N-amyl acetate	10.327	43	197019	56.51	ug/l	100
75) 1,1,2,2-Tetrachloroethane	10.790	83	132964	56.36	ug/l	100
76) 1,2,3-Trichloropropane	10.832	75	122546m	51.80	ug/l	100
77) Bromobenzene	10.790	156	75843	50.97	ug/l	100
78) n-propylbenzene	10.912	91	380641	58.40	ug/l	100
79) 2-Chlorotoluene	10.992	91	227436	57.46	ug/l	100
80) 1,3,5-Trimethylbenzene	11.095	105	269804	56.83	ug/l	100
81) trans-1,4-Dichloro-2-b...	10.552	75	37130	48.10	ug/l	100
82) 4-Chlorotoluene	11.102	91	266318	56.25	ug/l	100
83) tert-Butylbenzene	11.426	119	251304	54.15	ug/l	100
84) 1,2,4-Trimethylbenzene	11.475	105	269676	55.40	ug/l	100
85) sec-Butylbenzene	11.652	105	319577	57.87	ug/l	100
86) p-Isopropyltoluene	11.799	119	273270	54.63	ug/l	100
87) 1,3-Dichlorobenzene	11.751	146	140531	52.15	ug/l	100
88) 1,4-Dichlorobenzene	11.844	146	145076	51.67	ug/l	100
89) n-Butylbenzene	12.214	91	259251	55.31	ug/l	100
90) Hexachloroethane	12.484	117	39443	43.64	ug/l	100
91) 1,2-Dichlorobenzene	12.221	146	146357	52.98	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	13.002	75	34217	52.25	ug/l	100
93) 1,2,4-Trichlorobenzene	13.848	180	97654	52.60	ug/l	100
94) Hexachlorobutadiene	14.031	225	46928	47.68	ug/l	100
95) Naphthalene	14.095	128	330007	57.85	ug/l	100
96) 1,2,3-Trichlorobenzene	14.336	180	98584	53.85	ug/l	100

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

