

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041221\
 Data File : VU043016.D
 Acq On : 12 Apr 2021 11:20
 Operator : SY/MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 4/13/2021 5:47:03 PM

Quant Time: Apr 12 12:10:25 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U041221W.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 12 12:08:00 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.382	168	110867	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	168634	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	166346	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	100609	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	86229	51.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.84%	
35) Dibromofluoromethane	5.298	113	59900	50.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.84%	
50) Toluene-d8	7.906	98	216470	50.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.34%	
62) 4-Bromofluorobenzene	10.639	95	86776	51.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.44%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.385	85	56125	43.54	ug/l	99
3) Chloromethane	1.520	50	60794	45.24	ug/l	99
4) Vinyl Chloride	1.607	62	59809	46.59	ug/l	97
5) Bromomethane	1.842	94	34864	44.13	ug/l	100
6) Chloroethane	1.925	64	42156	54.96	ug/l	96
7) Trichlorofluoromethane	2.137	101	101746	50.78	ug/l	97
8) Diethyl Ether	2.379	74	33163	51.67	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.584	101	52965	50.54	ug/l	98
10) Methyl Iodide	2.726	142	75042	50.69	ug/l	98
11) Tert butyl alcohol	3.224	59	118062m	308.93	ug/l	
12) 1,1-Dichloroethene	2.581	96	50685	49.75	ug/l	96
13) Acrolein	2.488	56	73103	307.80	ug/l	99
14) Allyl chloride	2.928	41	118986	52.40	ug/l	99
15) Acrylonitrile	3.317	53	246973	278.36	ug/l	99
16) Acetone	2.629	43	268655	253.86	ug/l	99
17) Carbon Disulfide	2.797	76	150344	49.06	ug/l	100
18) Methyl Acetate	2.951	43	110812	56.88	ug/l	98
19) Methyl tert-butyl Ether	3.369	73	201333	51.74	ug/l	99
20) Methylene Chloride	3.051	84	62025	51.20	ug/l	97
21) trans-1,2-Dichloroethene	3.359	96	57951	52.63	ug/l	96
22) Diisopropyl ether	3.996	45	237313	54.46	ug/l	94
23) Vinyl Acetate	3.961	43	1165746	280.79	ug/l	99
24) 1,1-Dichloroethane	3.877	63	117842	52.50	ug/l	100
25) 2-Butanone	4.707	43	415196	290.11	ug/l	100
26) 2,2-Dichloropropane	4.671	77	105866	52.09	ug/l	99
27) cis-1,2-Dichloroethene	4.674	96	68920	53.97	ug/l	99
28) Bromochloromethane	4.980	49	57874	50.62	ug/l	97
29) Tetrahydrofuran	5.054	42	260707	292.35	ug/l	99
30) Chloroform	5.096	83	126113	54.80	ug/l	93
31) Cyclohexane	5.395	56	108746	49.12	ug/l	96
32) 1,1,1-Trichloroethane	5.324	97	112753	54.03	ug/l	99
36) 1,1-Dichloropropene	5.533	75	90521	53.51	ug/l	99
37) Ethyl Acetate	4.806	43	145792	54.81	ug/l	99
38) Carbon Tetrachloride	5.533	117	97564	54.04	ug/l	98
39) Methylcyclohexane	6.771	83	99816	51.37	ug/l	97
40) Benzene	5.780	78	255449	53.69	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.977	41	78031	56.81	ug/l	98
42) 1,2-Dichloroethane	5.800	62	113840	54.61	ug/l	99
43) Isopropyl Acetate	5.915	43	217543	55.61	ug/l	97
44) Trichloroethene	6.549	130	65307	51.93	ug/l	99
45) 1,2-Dichloropropane	6.796	63	72005	54.35	ug/l	94
46) Dibromomethane	6.925	93	50375	54.73	ug/l	95
47) Bromodichloromethane	7.112	83	100566	55.57	ug/l	100
48) Methyl methacrylate	6.967	41	111534	57.51	ug/l	96
49) 1,4-Dioxane	6.977	88	47522	1260.22	ug/l #	100
51) 4-Methyl-2-Pentanone	7.800	43	815030	302.59	ug/l	98
52) Toluene	7.976	92	162978	55.33	ug/l	98
53) t-1,3-Dichloropropene	8.218	75	113555	56.86	ug/l	98
54) cis-1,3-Dichloropropene	7.613	75	114806	54.47	ug/l	95
55) 1,1,2-Trichloroethane	8.407	97	67643	55.23	ug/l	98
56) Ethyl methacrylate	8.340	69	115261	54.94	ug/l	97
57) 1,3-Dichloropropane	8.581	76	117330	54.93	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.468	63	217865	305.11	ug/l	99
59) 2-Hexanone	8.694	43	690175	317.99	ug/l	99
60) Dibromochloromethane	8.819	129	81508	56.93	ug/l	100
61) 1,2-Dibromoethane	8.931	107	78975	56.43	ug/l	99
64) Tetrachloroethene	8.558	164	58968	47.36	ug/l	96
65) Chlorobenzene	9.452	112	174842	52.11	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.542	131	68918	53.88	ug/l	100
67) Ethyl Benzene	9.578	91	324707	53.58	ug/l	100
68) m/p-Xylenes	9.700	106	245691	109.21	ug/l	100
69) o-Xylene	10.108	106	118102	53.72	ug/l	99
70) Styrene	10.121	104	204715	55.61	ug/l	99
71) Bromoform	10.298	173	69117	55.85	ug/l #	98
73) Isopropylbenzene	10.491	105	329745	49.13	ug/l	98
74) N-amyl acetate	10.327	43	209465	54.15	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.790	83	142761	54.98	ug/l	99
76) 1,2,3-Trichloropropane	10.835	75	135285m	52.82	ug/l	
77) Bromobenzene	10.790	156	87621	48.80	ug/l	98
78) n-propylbenzene	10.912	91	399916	51.24	ug/l	99
79) 2-Chlorotoluene	10.992	91	238929	50.10	ug/l	99
80) 1,3,5-Trimethylbenzene	11.095	105	303098	52.09	ug/l	97
81) trans-1,4-Dichloro-2-b...	10.555	75	49628	53.37	ug/l	98
82) 4-Chlorotoluene	11.102	91	286045	51.35	ug/l	99
83) tert-Butylbenzene	11.427	119	290418	51.77	ug/l	98
84) 1,2,4-Trimethylbenzene	11.475	105	305681	52.48	ug/l	99
85) sec-Butylbenzene	11.652	105	340087	51.49	ug/l	99
86) p-Isopropyltoluene	11.799	119	317638	52.03	ug/l	100
87) 1,3-Dichlorobenzene	11.751	146	163943	52.37	ug/l	100
88) 1,4-Dichlorobenzene	11.841	146	170093	52.83	ug/l	98
89) n-Butylbenzene	12.214	91	301108	55.53	ug/l	98
90) Hexachloroethane	12.484	117	57444	53.13	ug/l	99
91) 1,2-Dichlorobenzene	12.221	146	167515	52.59	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	13.005	75	41015	57.32	ug/l	91
93) 1,2,4-Trichlorobenzene	13.848	180	107205	54.64	ug/l	98
94) Hexachlorobutadiene	14.028	225	57338	51.89	ug/l	99
95) Naphthalene	14.092	128	332905	58.99	ug/l	100
96) 1,2,3-Trichlorobenzene	14.336	180	105202	54.64	ug/l	99

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

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