

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU090619\
 Data File : VU034274.D
 Acq On : 05 Sep 2019 10:23
 Operator : JC/SP
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 9/6/2019 3:21:34 PM

Quant Time: Sep 06 04:33:24 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U090619W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 06 04:16:04 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.96	168	321473	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.86	114	463253	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	465011	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.46	152	308387	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.29	65	241693	57.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.60%	
35) Dibromofluoromethane	4.86	113	212578	62.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	125.14%	
50) Toluene-d8	7.55	98	845127	66.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	132.10%	
62) 4-Bromofluorobenzene	10.29	95	309031	62.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	124.80%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.20	85	155415	49.599	ug/l	100
3) Chloromethane	1.32	50	179277	38.789	ug/l	100
4) Vinyl Chloride	1.40	62	189656	45.649	ug/l	100
5) Bromomethane	1.61	94	106793	48.196	ug/l	100
6) Chloroethane	1.69	64	123182	47.722	ug/l	100
7) Trichlorofluoromethane	1.88	101	258430	52.252	ug/l	100
8) Diethyl Ether	2.09	74	114791	53.783	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.27	101	168830	53.512	ug/l	100
10) Methyl Iodide	2.40	142	162956	39.498	ug/l	100
11) Tert butyl alcohol	2.81	59	247845	262.195	ug/l	100
12) 1,1-Dichloroethene	2.27	96	161996	50.960	ug/l	100
13) Acrolein	2.18	56	206758	428.698	ug/l	100
14) Allyl chloride	2.58	41	311814m	51.962	ug/l	
15) Acrylonitrile	2.92	53	643507	291.886	ug/l	100
16) Acetone	2.31	43	577475	273.596	ug/l	100
17) Carbon Disulfide	2.46	76	354625	37.022	ug/l	100
18) Methyl Acetate	2.60	43	280117	51.365	ug/l	100
19) Methyl tert-butyl Ether	2.98	73	620742	58.279	ug/l	100
20) Methylene Chloride	2.69	84	205215	51.666	ug/l	100
21) trans-1,2-Dichloroethene	2.97	96	171098	49.877	ug/l	100
22) Diisopropyl ether	3.55	45	644696	57.673	ug/l	100
23) Vinyl Acetate	3.50	43	2699863	283.742	ug/l	100
24) 1,1-Dichloroethane	3.43	63	362893	55.259	ug/l	100
25) 2-Butanone	4.24	43	851939	290.389	ug/l	100
26) 2,2-Dichloropropane	4.20	77	292998	54.905	ug/l	100
27) cis-1,2-Dichloroethene	4.20	96	211324	53.934	ug/l	100
28) Bromochloromethane	4.52	49	183760	56.455	ug/l	100
29) Tetrahydrofuran	4.61	42	523433	289.230	ug/l	100
30) Chloroform	4.65	83	363133	54.994	ug/l	100
31) Cyclohexane	4.97	56	266075	44.981	ug/l	100
32) 1,1,1-Trichloroethane	4.89	97	294573	54.851	ug/l	100
36) 1,1-Dichloropropene	5.12	75	236682	53.943	ug/l	100
37) Ethyl Acetate	4.36	43	294592	59.124	ug/l	100
38) Carbon Tetrachloride	5.11	117	252363	58.537	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.40	83	260457	51.254	ug/l	100
40) Benzene	5.37	78	773293	57.473	ug/l	100
41) Methacrylonitrile	4.52	41	164421	63.687	ug/l	100
42) 1,2-Dichloroethane	5.38	62	266433	57.400	ug/l	100
43) Isopropyl Acetate	5.53	43	458740	60.200	ug/l	100
44) Trichloroethene	6.17	130	210760	59.033	ug/l	100
45) 1,2-Dichloropropane	6.41	63	227161	60.747	ug/l	100
46) Dibromomethane	6.54	93	143230	59.535	ug/l	100
47) Bromodichloromethane	6.74	83	291022	61.346	ug/l	100
48) Methyl methacrylate	6.60	41	219878	60.238	ug/l	100
49) 1,4-Dioxane	6.59	88	95872	1069.846	ug/l	100
51) 4-Methyl-2-Pentanone	7.44	43	1609448	304.839	ug/l	100
52) Toluene	7.62	92	499399	59.937	ug/l	100
53) t-1,3-Dichloropropene	7.86	75	310390	59.669	ug/l	100
54) cis-1,3-Dichloropropene	7.25	75	345279	60.540	ug/l	100
55) 1,1,2-Trichloroethane	8.05	97	221639	62.028	ug/l	100
56) Ethyl methacrylate	8.00	69	323651	61.384	ug/l	100
57) 1,3-Dichloropropane	8.22	76	360787	59.915	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.11	63	588438	309.086	ug/l	100
59) 2-Hexanone	8.34	43	1232632	309.611	ug/l	100
60) Dibromochloromethane	8.46	129	241313	62.674	ug/l	100
61) 1,2-Dibromoethane	8.57	107	220228	59.133	ug/l	100
64) Tetrachloroethene	8.21	164	188511	59.128	ug/l	100
65) Chlorobenzene	9.10	112	566779	58.170	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.19	131	211306	59.356	ug/l	100
67) Ethyl Benzene	9.23	91	954941	58.243	ug/l	100
68) m/p-Xylenes	9.36	106	746437	119.290	ug/l	100
69) o-Xylene	9.76	106	361881	60.211	ug/l	100
70) Styrene	9.77	104	648398	62.583	ug/l	100
71) Bromoform	9.94	173	187340	60.372	ug/l #	100
73) Isopropylbenzene	10.15	105	990023	49.024	ug/l	100
74) N-amyl acetate	9.99	43	418149	49.606	ug/l	100
75) 1,1,2,2-Tetrachloroethane	10.44	83	377741	48.315	ug/l	100
76) 1,2,3-Trichloropropane	10.48	75	311880m	46.355	ug/l	
77) Bromobenzene	10.43	156	267206	48.766	ug/l	100
78) n-propylbenzene	10.57	91	1157695	49.191	ug/l	100
79) 2-Chlorotoluene	10.64	91	687540	48.635	ug/l	100
80) 1,3,5-Trimethylbenzene	10.75	105	860368	50.244	ug/l	100
81) trans-1,4-Dichloro-2-buten	10.49	75	100560m	49.522	ug/l	
82) 4-Chlorotoluene	10.75	91	804407	49.350	ug/l	100
83) tert-Butylbenzene	11.08	119	825965	48.979	ug/l	100
84) 1,2,4-Trimethylbenzene	11.13	105	867775	51.028	ug/l	100
85) sec-Butylbenzene	11.30	105	1003927	49.656	ug/l	100
86) p-Isopropyltoluene	11.46	119	930826	50.863	ug/l	100
87) 1,3-Dichlorobenzene	11.40	146	487461	50.069	ug/l	100
88) 1,4-Dichlorobenzene	11.49	146	494875	50.097	ug/l	100
89) n-Butylbenzene	11.87	91	833457	51.730	ug/l	100
90) Hexachloroethane	12.12	117	139227	44.490	ug/l	100
91) 1,2-Dichlorobenzene	11.86	146	485392	51.871	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.64	75	77340	49.952	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.49	180	338561	59.196	ug/l	100
94) Hexachlorobutadiene	13.67	225	167681	46.652	ug/l	100
95) Naphthalene	13.72	128	960641	60.882	ug/l	100
96) 1,2,3-Trichlorobenzene	13.97	180	334743	55.753	ug/l	100

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

