

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU071218\
 Data File : VU025359.D
 Acq On : 12 Jul 2018 23:36
 Operator : MD/SY
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 7/13/2018 11:44:19 AM

Quant Time: Jul 13 04:43:47 2018
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U070918W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 10 09:34:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	162489	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	249018	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	233911	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	141757	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	122756	48.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.26%	
35) Dibromofluoromethane	4.89	113	100504	47.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.68%	
50) Toluene-d8	7.57	98	328261	45.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.26%	
62) 4-Bromofluorobenzene	10.31	95	137109	47.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.68%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	74131	44.083	ug/l	100
3) Chloromethane	1.33	50	73421	43.891	ug/l	99
4) Vinyl Chloride	1.40	62	82173	44.468	ug/l	100
5) Bromomethane	1.62	94	49612	52.902	ug/l	97
6) Chloroethane	1.69	64	55872	47.558	ug/l	99
7) Trichlorofluoromethane	1.88	101	137334	47.288	ug/l	99
8) Diethyl Ether	2.10	74	54097	49.638	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.29	101	85590	47.557	ug/l	99
10) Methyl Iodide	2.41	142	100184	49.776	ug/l	99
11) Tert butyl alcohol	2.83	59	142438	258.641	ug/l	100
12) 1,1-Dichloroethene	2.28	96	77375	46.977	ug/l	95
13) Acrolein	2.19	56	42769	117.391	ug/l	100
14) Allyl chloride	2.59	41	134398	44.993	ug/l	98
15) Acrylonitrile	2.94	53	289756	255.913	ug/l	99
16) Acetone	2.32	43	269960	210.351	ug/l	99
17) Carbon Disulfide	2.48	76	184265	38.735	ug/l	99
18) Methyl Acetate	2.62	43	147860	57.206	ug/l	100
19) Methyl tert-butyl Ether	3.00	73	326306	52.083	ug/l	100
20) Methylene Chloride	2.70	84	96486	49.412	ug/l	97
21) trans-1,2-Dichloroethene	2.99	96	85273	45.304	ug/l	98
22) Diisopropyl ether	3.57	45	318036	52.134	ug/l	96
23) Vinyl Acetate	3.53	43	1358680	253.892	ug/l	99
24) 1,1-Dichloroethane	3.45	63	177306	51.536	ug/l	100
25) 2-Butanone	4.26	43	422233	241.309	ug/l	99
26) 2,2-Dichloropropane	4.23	77	134459	40.647	ug/l	100
27) cis-1,2-Dichloroethene	4.23	96	105027	48.226	ug/l	100
28) Bromochloromethane	4.55	49	83440	50.225	ug/l	99
29) Tetrahydrofuran	4.63	42	264028	251.568	ug/l	100
30) Chloroform	4.68	83	188023	51.606	ug/l	99
31) Cyclohexane	5.00	56	148652	46.673	ug/l	96
32) 1,1,1-Trichloroethane	4.92	97	169836	51.436	ug/l	100
36) 1,1-Dichloropropene	5.14	75	128662	46.475	ug/l	99
37) Ethyl Acetate	4.38	43	155743	50.444	ug/l	100
38) Carbon Tetrachloride	5.14	117	145929	48.974	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	151105	43.758	ug/l	99
40) Benzene	5.39	78	383857	48.114	ug/l	98
41) Methacrylonitrile	4.54	41	86494	50.529	ug/l	98
42) 1,2-Dichloroethane	5.41	62	158338	49.928	ug/l	100
43) Isopropyl Acetate	5.55	43	248529	50.267	ug/l	100
44) Trichloroethene	6.19	130	104484	45.611	ug/l	99
45) 1,2-Dichloropropane	6.44	63	106346	50.893	ug/l	99
46) Dibromomethane	6.56	93	74351	48.893	ug/l	100
47) Bromodichloromethane	6.76	83	142796	50.549	ug/l	99
48) Methyl methacrylate	6.62	41	125909	51.083	ug/l	99
49) 1,4-Dioxane	6.62	88	60604	1021.848	ug/l	99
51) 4-Methyl-2-Pentanone	7.46	43	820516	255.334	ug/l	100
52) Toluene	7.64	92	247224	48.707	ug/l	100
53) t-1,3-Dichloropropene	7.88	75	146995	47.360	ug/l	96
54) cis-1,3-Dichloropropene	7.27	75	159117	48.169	ug/l	98
55) 1,1,2-Trichloroethane	8.07	97	107470	50.840	ug/l	97
56) Ethyl methacrylate	8.02	69	164931	49.954	ug/l	98
57) 1,3-Dichloropropane	8.25	76	175657	50.055	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.13	63	300833	203.365	ug/l	100
59) 2-Hexanone	8.36	43	644287	247.178	ug/l	99
60) Dibromochloromethane	8.48	129	117605	51.515	ug/l	100
61) 1,2-Dibromoethane	8.59	107	114926	50.810	ug/l	99
64) Tetrachloroethene	8.23	164	97364	45.663	ug/l	99
65) Chlorobenzene	9.12	112	285072	48.786	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.21	131	108998	52.146	ug/l	99
67) Ethyl Benzene	9.25	91	484972	48.682	ug/l	99
68) m/p-Xylenes	9.38	106	372323	96.672	ug/l	97
69) o-Xylene	9.78	106	187902	48.731	ug/l	96
70) Styrene	9.80	104	307988	50.285	ug/l	100
71) Bromoform	9.96	173	88993	44.587	ug/l #	97
73) Isopropylbenzene	10.17	105	512473	47.315	ug/l	100
74) N-amyl acetate	10.01	43	222236	50.126	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.46	83	178082	50.256	ug/l	98
76) 1,2,3-Trichloropropane	10.50	75	159705m	54.473	ug/l	
77) Bromobenzene	10.45	156	132147	47.691	ug/l	99
78) n-propylbenzene	10.59	91	574357	47.788	ug/l	100
79) 2-Chlorotoluene	10.66	91	354529	51.370	ug/l	100
80) 1,3,5-Trimethylbenzene	10.77	105	441270	48.418	ug/l	100
81) trans-1,4-Dichloro-2-buten	10.51	75	52507m	46.493	ug/l	
82) 4-Chlorotoluene	10.78	91	399471	46.939	ug/l	100
83) tert-Butylbenzene	11.10	119	446301	48.460	ug/l	99
84) 1,2,4-Trimethylbenzene	11.15	105	447244	47.882	ug/l	99
85) sec-Butylbenzene	11.33	105	529429	48.823	ug/l	100
86) p-Isopropyltoluene	11.48	119	464318	48.358	ug/l	100
87) 1,3-Dichlorobenzene	11.42	146	240593	47.510	ug/l	100
88) 1,4-Dichlorobenzene	11.51	146	241328	48.825	ug/l	99
89) n-Butylbenzene	11.89	91	372982	47.255	ug/l	99
90) Hexachloroethane	12.15	117	78728	48.424	ug/l	100
91) 1,2-Dichlorobenzene	11.88	146	254238	49.711	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	45230	52.627	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.51	180	157303	46.200	ug/l	99
94) Hexachlorobutadiene	13.70	225	85382	46.679	ug/l	99
95) Naphthalene	13.74	128	517929	49.773	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	169104	48.703	ug/l	99

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

