

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U100418\
 Data File : VU027365.D
 Acq On : 03 Oct 2018 18:46
 Operator : MD/SY
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 10/8/2018 1:52:26 PM

Quant Time: Oct 04 00:06:33 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U100118W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 02 02:04:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	110553	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	184920	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	171595	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	89288	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	88679	48.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.08%	
35) Dibromofluoromethane	4.88	113	62577	49.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.76%	
50) Toluene-d8	7.57	98	235232	49.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.18%	
62) 4-Bromofluorobenzene	10.31	95	85203	48.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.68%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.21	85	82733	51.907	ug/l	99
3) Chloromethane	1.33	50	105166	48.736	ug/l	99
4) Vinyl Chloride	1.40	62	99766	49.184	ug/l	99
5) Bromomethane	1.62	94	49038	55.870	ug/l	99
6) Chloroethane	1.69	64	58753	48.202	ug/l	97
7) Trichlorofluoromethane	1.88	101	106952	51.965	ug/l	98
8) Diethyl Ether	2.11	74	43937	46.343	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.29	101	63317	52.974	ug/l	98
10) Methyl Iodide	2.41	142	74912	68.021	ug/l	99
11) Tert butyl alcohol	2.83	59	85431	219.760	ug/l	100
12) 1,1-Dichloroethene	2.28	96	57964	49.636	ug/l	97
13) Acrolein	2.20	56	32930	100.951	ug/l	100
14) Allyl chloride	2.59	41	127739	46.064	ug/l	98
15) Acrylonitrile	2.94	53	261161	258.115	ug/l	99
16) Acetone	2.32	43	232667	213.344	ug/l	99
17) Carbon Disulfide	2.48	76	190623	45.261	ug/l	100
18) Methyl Acetate	2.62	43	136351	54.806	ug/l	98
19) Methyl tert-butyl Ether	3.00	73	228189	48.768	ug/l	99
20) Methylene Chloride	2.70	84	73448	48.349	ug/l	99
21) trans-1,2-Dichloroethene	2.98	96	64796	49.423	ug/l	98
22) Diisopropyl ether	3.58	45	284046	50.396	ug/l	99
23) Vinyl Acetate	3.53	43	1226961	249.271	ug/l	99
24) 1,1-Dichloroethane	3.45	63	145225	50.121	ug/l	100
25) 2-Butanone	4.27	43	365730	245.925	ug/l	100
26) 2,2-Dichloropropane	4.23	77	113288	47.583	ug/l	99
27) cis-1,2-Dichloroethene	4.23	96	71703	47.824	ug/l	100
28) Bromochloromethane	4.55	49	76538	54.751	ug/l	99
29) Tetrahydrofuran	4.64	42	237783	253.708	ug/l	100
30) Chloroform	4.67	83	133946	52.031	ug/l	99
31) Cyclohexane	5.00	56	132907	44.865	ug/l	100
32) 1,1,1-Trichloroethane	4.92	97	110638	51.029	ug/l	98
36) 1,1-Dichloropropene	5.14	75	97640	48.630	ug/l	100
37) Ethyl Acetate	4.38	43	133410	51.413	ug/l	98
38) Carbon Tetrachloride	5.14	117	93738	51.684	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	108592	46.268	ug/l	98
40) Benzene	5.39	78	297030	50.787	ug/l	100
41) Methacrylonitrile	4.54	41	75704	51.616	ug/l	99
42) 1,2-Dichloroethane	5.40	62	115111	53.024	ug/l	100
43) Isopropyl Acetate	5.55	43	195265	48.451	ug/l	100
44) Trichloroethene	6.19	130	62257	47.739	ug/l	97
45) 1,2-Dichloropropane	6.43	63	88155	52.258	ug/l	98
46) Dibromomethane	6.56	93	50764	53.282	ug/l	99
47) Bromodichloromethane	6.76	83	103176	52.190	ug/l	98
48) Methyl methacrylate	6.62	41	103854	51.820	ug/l	98
49) 1,4-Dioxane	6.62	88	33428	969.409	ug/l	99
51) 4-Methyl-2-Pentanone	7.46	43	699368	267.052	ug/l	99
52) Toluene	7.64	92	174056	50.281	ug/l	100
53) t-1,3-Dichloropropene	7.88	75	114944	49.590	ug/l	99
54) cis-1,3-Dichloropropene	7.27	75	125400	50.325	ug/l	99
55) 1,1,2-Trichloroethane	8.07	97	72917	53.127	ug/l	98
56) Ethyl methacrylate	8.02	69	113228	43.394	ug/l	99
57) 1,3-Dichloropropane	8.24	76	136740	51.321	ug/l	98
58) 2-Chloroethyl Vinyl ether	7.13	63	349106	242.134	ug/l	100
59) 2-Hexanone	8.36	43	531826	261.790	ug/l	99
60) Dibromochloromethane	8.48	129	72787	52.876	ug/l	99
61) 1,2-Dibromoethane	8.59	107	74818	51.270	ug/l	99
64) Tetrachloroethene	8.23	164	52853	49.478	ug/l	99
65) Chlorobenzene	9.12	112	178011	49.284	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.21	131	66518	53.347	ug/l	98
67) Ethyl Benzene	9.25	91	317992	49.691	ug/l	100
68) m/p-Xylenes	9.38	106	244568	104.481	ug/l	100
69) o-Xylene	9.78	106	114778	51.599	ug/l	99
70) Styrene	9.79	104	197809	47.684	ug/l	99
71) Bromoform	9.96	173	52191	52.024	ug/l #	100
73) Isopropylbenzene	10.17	105	311879	48.093	ug/l	100
74) N-amyl acetate	10.02	43	177860	47.909	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.46	83	127507	50.075	ug/l	99
76) 1,2,3-Trichloropropane	10.49	75	108938m	47.067	ug/l	
77) Bromobenzene	10.45	156	72554	48.141	ug/l	98
78) n-propylbenzene	10.59	91	388801	49.895	ug/l	100
79) 2-Chlorotoluene	10.66	91	227646	48.384	ug/l	100
80) 1,3,5-Trimethylbenzene	10.77	105	270880	51.306	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.51	75	41981m	47.469	ug/l	
82) 4-Chlorotoluene	10.77	91	265581	49.741	ug/l	99
83) tert-Butylbenzene	11.10	119	250104	49.001	ug/l	99
84) 1,2,4-Trimethylbenzene	11.15	105	279474	51.820	ug/l	99
85) sec-Butylbenzene	11.32	105	319597	49.697	ug/l	99
86) p-Isopropyltoluene	11.48	119	279496	50.760	ug/l	100
87) 1,3-Dichlorobenzene	11.42	146	136144	47.707	ug/l	99
88) 1,4-Dichlorobenzene	11.51	146	139546	47.852	ug/l	100
89) n-Butylbenzene	11.89	91	259170	44.575	ug/l	100
90) Hexachloroethane	12.15	117	52511	50.594	ug/l	98
91) 1,2-Dichlorobenzene	11.88	146	134575	48.446	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	28244	50.049	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.50	180	89410	49.743	ug/l	100
94) Hexachlorobutadiene	13.69	225	45340	49.927	ug/l	99
95) Naphthalene	13.74	128	314173	46.656	ug/l	100
96) 1,2,3-Trichlorobenzene	13.99	180	94525	50.478	ug/l	98

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

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