

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U100418\
 Data File : VU027412.D
 Acq On : 04 Oct 2018 16:45
 Operator : MD/SY
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 10/8/2018 1:52:34 PM

Quant Time: Oct 05 04:58:07 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	142167	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	236583	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	217862	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	114596	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	97553	41.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	82.18%	
35) Dibromofluoromethane	4.88	113	73187	45.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.28%	
50) Toluene-d8	7.57	98	278276	45.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.72%	
62) 4-Bromofluorobenzene	10.31	95	105050	46.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.16%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.21	85	93698	45.714	ug/l	99
3) Chloromethane	1.33	50	113899	41.046	ug/l	99
4) Vinyl Chloride	1.40	62	113557	43.533	ug/l	99
5) Bromomethane	1.62	94	66273	58.716	ug/l	99
6) Chloroethane	1.69	64	67285	42.926	ug/l	99
7) Trichlorofluoromethane	1.88	101	120576	45.557	ug/l	100
8) Diethyl Ether	2.11	74	55246	45.313	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	2.29	101	74306	48.343	ug/l	98
10) Methyl Iodide	2.41	142	68811	50.967	ug/l	97
11) Tert butyl alcohol	2.83	59	109971	219.980	ug/l	100
12) 1,1-Dichloroethene	2.28	96	69111	46.022	ug/l	99
13) Acrolein	2.20	56	42900	102.270	ug/l	99
14) Allyl chloride	2.59	41	153862	43.146	ug/l	97
15) Acrylonitrile	2.94	53	300739	231.135	ug/l	99
16) Acetone	2.32	43	277584	197.930	ug/l	97
17) Carbon Disulfide	2.48	76	214275	39.563	ug/l	100
18) Methyl Acetate	2.62	43	155006	48.450	ug/l	99
19) Methyl tert-butyl Ether	3.00	73	281264	46.744	ug/l	98
20) Methylene Chloride	2.70	84	87350	44.714	ug/l	96
21) trans-1,2-Dichloroethene	2.98	96	76877	45.598	ug/l	99
22) Diisopropyl ether	3.58	45	328614	45.338	ug/l	99
23) Vinyl Acetate	3.53	43	1419191	224.209	ug/l	99
24) 1,1-Dichloroethane	3.45	63	168292	45.166	ug/l	100
25) 2-Butanone	4.26	43	426067	222.788	ug/l	97
26) 2,2-Dichloropropane	4.23	77	136062	44.440	ug/l	98
27) cis-1,2-Dichloroethene	4.23	96	88346	45.821	ug/l	99
28) Bromochloromethane	4.55	49	85986	47.832	ug/l	96
29) Tetrahydrofuran	4.64	42	273962	227.309	ug/l	97
30) Chloroform	4.67	83	149857	45.267	ug/l	100
31) Cyclohexane	5.00	56	158226	41.517	ug/l	97
32) 1,1,1-Trichloroethane	4.92	97	125756	45.104	ug/l	99
36) 1,1-Dichloropropene	5.14	75	120534	46.923	ug/l	99
37) Ethyl Acetate	4.38	43	152956	46.073	ug/l	99
38) Carbon Tetrachloride	5.14	117	104529	45.048	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	142529	47.466	ug/l	97
40) Benzene	5.39	78	350571	46.852	ug/l	100
41) Methacrylonitrile	4.54	41	87067	46.400	ug/l	99
42) 1,2-Dichloroethane	5.40	62	128120	46.129	ug/l	100
43) Isopropyl Acetate	5.55	43	243321	47.191	ug/l	99
44) Trichloroethene	6.19	130	79930	47.907	ug/l	99
45) 1,2-Dichloropropane	6.43	63	101046	46.820	ug/l	99
46) Dibromomethane	6.56	93	57829	47.443	ug/l	98
47) Bromodichloromethane	6.76	83	115496	45.664	ug/l	99
48) Methyl methacrylate	6.62	41	122318	47.705	ug/l	99
49) 1,4-Dioxane	6.61	88	44307	1004.314	ug/l	95
51) 4-Methyl-2-Pentanone	7.46	43	790564	235.954	ug/l	98
52) Toluene	7.64	92	209661	47.340	ug/l	99
53) t-1,3-Dichloropropene	7.88	75	142033	47.895	ug/l	100
54) cis-1,3-Dichloropropene	7.27	75	152368	47.795	ug/l	98
55) 1,1,2-Trichloroethane	8.07	97	84534	48.141	ug/l	98
56) Ethyl methacrylate	8.02	69	145961	43.706	ug/l	97
57) 1,3-Dichloropropane	8.24	76	159517	46.796	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.13	63	411977	223.981	ug/l	98
59) 2-Hexanone	8.36	43	618806	238.089	ug/l	99
60) Dibromochloromethane	8.48	129	83784	47.574	ug/l	99
61) 1,2-Dibromoethane	8.59	107	88703	47.511	ug/l	99
64) Tetrachloroethene	8.23	164	67347	49.658	ug/l	99
65) Chlorobenzene	9.12	112	222355	48.487	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.21	131	75961	47.982	ug/l	99
67) Ethyl Benzene	9.25	91	404096	49.736	ug/l	100
68) m/p-Xylenes	9.38	106	300602	101.147	ug/l	100
69) o-Xylene	9.78	106	144022	50.996	ug/l	98
70) Styrene	9.79	104	244159	46.422	ug/l	99
71) Bromoform	9.96	173	61150	48.010	ug/l #	99
73) Isopropylbenzene	10.17	105	394163	47.359	ug/l	99
74) N-amyl acetate	10.02	43	217890	45.730	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.46	83	144554	44.232	ug/l	99
76) 1,2,3-Trichloropropane	10.49	75	132519m	44.610	ug/l	
77) Bromobenzene	10.45	156	90913	47.001	ug/l	96
78) n-propylbenzene	10.59	91	486268	48.622	ug/l	99
79) 2-Chlorotoluene	10.66	91	278587	46.135	ug/l	100
80) 1,3,5-Trimethylbenzene	10.77	105	330019	48.703	ug/l	100
81) trans-1,4-Dichloro-2-buten	10.51	75	50572m	44.554	ug/l	
82) 4-Chlorotoluene	10.77	91	328523	47.941	ug/l	99
83) tert-Butylbenzene	11.10	119	316580	48.328	ug/l	98
84) 1,2,4-Trimethylbenzene	11.15	105	342255	49.446	ug/l	99
85) sec-Butylbenzene	11.32	105	407815	49.410	ug/l	99
86) p-Isopropyltoluene	11.48	119	356782	50.486	ug/l	100
87) 1,3-Dichlorobenzene	11.42	146	174394	47.614	ug/l	99
88) 1,4-Dichlorobenzene	11.51	146	178034	47.567	ug/l	100
89) n-Butylbenzene	11.89	91	357101	47.711	ug/l	99
90) Hexachloroethane	12.15	117	58670	44.044	ug/l	99
91) 1,2-Dichlorobenzene	11.88	146	170287	47.764	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.66	75	32379	44.705	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.50	180	128803	55.834	ug/l	99
94) Hexachlorobutadiene	13.69	225	59337	50.910	ug/l	99
95) Naphthalene	13.74	128	411557	47.586	ug/l	100
96) 1,2,3-Trichlorobenzene	13.99	180	128714	53.556	ug/l	99

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

