

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU070218\
 Data File : VU025136.D
 Acq On : 02 Jul 2018 12:17
 Operator : MD/SY
 Sample : VU0702WBSD01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0702WBSD01

Manual Integrations
 APPROVED

sam
 7/3/2018 3:52:36 PM

Quant Time: Jul 03 04:25:58 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U061318W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 13 13:55:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	170530	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	251605	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	236868	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	139920	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	135736	48.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.52%	
35) Dibromofluoromethane	4.89	113	110662	53.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.00%	
50) Toluene-d8	7.57	98	353039	46.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.70%	
62) 4-Bromofluorobenzene	10.31	95	151565	50.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.24%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	35220	16.50	ug/l	97
3) Chloromethane	1.33	50	38346	17.58	ug/l	99
4) Vinyl Chloride	1.40	62	39989	17.78	ug/l	98
5) Bromomethane	1.62	94	22732	20.91	ug/l	98
6) Chloroethane	1.70	64	26372	20.36	ug/l	99
7) Trichlorofluoromethane	1.89	101	68721	20.02	ug/l	98
8) Diethyl Ether	2.10	74	26137	21.30	ug/l	90
9) 1,1,2-Trichlorotrifluoroet	2.29	101	41561	19.52	ug/l	97
10) Methyl Iodide	2.41	142	32882	21.61	ug/l	99
11) Tert butyl alcohol	2.82	59	67013	98.97	ug/l	99
12) 1,1-Dichloroethene	2.28	96	36708	18.90	ug/l	97
13) Acrolein	2.19	56	19868	55.88	ug/l	98
14) Allyl chloride	2.59	41	65203	18.09	ug/l	99
15) Acrylonitrile	2.94	53	131756	100.02	ug/l	98
16) Acetone	2.32	43	152721	102.10	ug/l	97
17) Carbon Disulfide	2.48	76	103837	16.70	ug/l	98
18) Methyl Acetate	2.62	43	78496	24.48	ug/l	98
19) Methyl tert-butyl Ether	3.00	73	152014	20.83	ug/l	95
20) Methylene Chloride	2.70	84	46670	19.88	ug/l	99
21) trans-1,2-Dichloroethene	2.99	96	41766	19.53	ug/l	95
22) Diisopropyl ether	3.57	45	147531	20.64	ug/l	95
23) Vinyl Acetate	3.53	43	617115	96.39	ug/l	100
24) 1,1-Dichloroethane	3.45	63	82730	20.12	ug/l	98
25) 2-Butanone	4.26	43	203744	101.41	ug/l	97
26) 2,2-Dichloropropane	4.23	77	77797	19.93	ug/l	98
27) cis-1,2-Dichloroethene	4.23	96	49370	20.08	ug/l	99
28) Bromochloromethane	4.55	49	36990	20.43	ug/l	86
29) Tetrahydrofuran	4.63	42	121696	97.81	ug/l	97
30) Chloroform	4.68	83	86573	20.80	ug/l	98
31) Cyclohexane	5.00	56	74130	19.08	ug/l	91
32) 1,1,1-Trichloroethane	4.92	97	78450	20.39	ug/l	96
36) 1,1-Dichloropropene	5.14	75	60444	20.44	ug/l	96
37) Ethyl Acetate	4.38	43	70375	21.84	ug/l #	97
38) Carbon Tetrachloride	5.14	117	69570	21.40	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	77277	20.94	ug/l	95
40) Benzene	5.39	78	180363	21.41	ug/l	99
41) Methacrylonitrile	4.54	41	39598	22.79	ug/l	97
42) 1,2-Dichloroethane	5.41	62	77068	24.02	ug/l	99
43) Isopropyl Acetate	5.55	43	114700	20.59	ug/l	99
44) Trichloroethene	6.19	130	50624	21.11	ug/l	95
45) 1,2-Dichloropropane	6.44	63	47578	21.17	ug/l	99
46) Dibromomethane	6.56	93	35221	22.31	ug/l	95
47) Bromodichloromethane	6.76	83	66613	21.19	ug/l	96
48) Methyl methacrylate	6.63	41	59146	21.81	ug/l	96
49) 1,4-Dioxane	6.61	88	26136	492.73	ug/l	97
51) 4-Methyl-2-Pentanone	7.46	43	373225	106.65	ug/l	99
52) Toluene	7.64	92	115043	21.23	ug/l	99
53) t-1,3-Dichloropropene	7.88	75	71807	20.34	ug/l	100
54) cis-1,3-Dichloropropene	7.27	75	75624	20.10	ug/l	99
55) 1,1,2-Trichloroethane	8.07	97	47661	21.63	ug/l	98
56) Ethyl methacrylate	8.02	69	77026	20.89	ug/l	99
57) 1,3-Dichloropropane	8.25	76	81023	21.80	ug/l	98
58) 2-Chloroethyl Vinyl ether	7.13	63	131415	93.02	ug/l	93
59) 2-Hexanone	8.36	43	292497	102.38	ug/l	99
60) Dibromochloromethane	8.48	129	53258	19.38	ug/l	99
61) 1,2-Dibromoethane	8.59	107	52611	21.45	ug/l	98
64) Tetrachloroethene	8.23	164	47971	21.31	ug/l	97
65) Chlorobenzene	9.12	112	132105	21.83	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.21	131	50535	21.98	ug/l	98
67) Ethyl Benzene	9.25	91	226783	21.38	ug/l	98
68) m/p-Xylenes	9.38	106	174415	42.82	ug/l	99
69) o-Xylene	9.78	106	87529	21.71	ug/l	98
70) Styrene	9.80	104	136603	20.62	ug/l	99
71) Bromoform	9.96	173	41429	18.96	ug/l #	100
73) Isopropylbenzene	10.17	105	234490	21.83	ug/l	99
74) N-amyl acetate	10.01	43	97381	19.06	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.46	83	78617	21.84	ug/l	99
76) 1,2,3-Trichloropropane	10.50	75	66523m	21.59	ug/l	
77) Bromobenzene	10.45	156	58291	21.43	ug/l	96
78) n-propylbenzene	10.59	91	263043	20.79	ug/l	98
79) 2-Chlorotoluene	10.66	91	159971	21.44	ug/l	98
80) 1,3,5-Trimethylbenzene	10.78	105	202510	21.75	ug/l	100
81) trans-1,4-Dichloro-2-buten	10.51	75	22755m	17.10	ug/l	
82) 4-Chlorotoluene	10.78	91	184161	21.20	ug/l	100
83) tert-Butylbenzene	11.10	119	200689	22.41	ug/l	99
84) 1,2,4-Trimethylbenzene	11.15	105	204615	21.56	ug/l	98
85) sec-Butylbenzene	11.33	105	240887	21.49	ug/l	98
86) p-Isopropyltoluene	11.48	119	207228	20.64	ug/l	99
87) 1,3-Dichlorobenzene	11.42	146	108149	21.52	ug/l	99
88) 1,4-Dichlorobenzene	11.51	146	106341	21.03	ug/l	99
89) n-Butylbenzene	11.89	91	165737	18.59	ug/l	96
90) Hexachloroethane	12.15	117	34810	17.77	ug/l	96
91) 1,2-Dichlorobenzene	11.88	146	110281	21.91	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	19410	19.54	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.51	180	66042	21.25	ug/l	99
94) Hexachlorobutadiene	13.70	225	37355	21.36	ug/l	98
95) Naphthalene	13.75	128	220232	21.79	ug/l	100
96) 1,2,3-Trichlorobenzene	13.99	180	71694	23.15	ug/l	97

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

