

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU072718\
 Data File : VU025680.D
 Acq On : 27 Jul 2018 19:36
 Operator : MD/SY
 Sample : VU0727WBSD01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0727WBSD01

Manual Integrations
 APPROVED

MMDadoda

7/31/2018 3:49:31 PM

Quant Time: Jul 28 05:17:03 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U072718W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 27 13:11:52 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	166118	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	258930	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	250137	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	156224	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	134396	51.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.84%	
35) Dibromofluoromethane	4.89	113	108877	48.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.70%	
50) Toluene-d8	7.57	98	394103	50.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.02%	
62) 4-Bromofluorobenzene	10.31	95	148612	48.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.16%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.21	85	55259	22.01	ug/l	96
3) Chloromethane	1.33	50	47368	19.74	ug/l	97
4) Vinyl Chloride	1.40	62	45400	20.10	ug/l	98
5) Bromomethane	1.63	94	22727	20.60	ug/l	99
6) Chloroethane	1.70	64	26397	19.99	ug/l	100
7) Trichlorofluoromethane	1.89	101	67694	20.73	ug/l	94
8) Diethyl Ether	2.10	74	23794	20.14	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.29	101	36677	19.41	ug/l	99
10) Methyl Iodide	2.41	142	25692	20.67	ug/l	99
11) Tert butyl alcohol	2.83	59	62545	110.37	ug/l	99
12) 1,1-Dichloroethene	2.28	96	33890	19.00	ug/l	95
13) Acrolein	2.19	56	18658	89.61	ug/l	97
14) Allyl chloride	2.59	41	61293	19.12	ug/l	96
15) Acrylonitrile	2.94	53	124709	110.22	ug/l	99
16) Acetone	2.32	43	117487	93.10	ug/l	99
17) Carbon Disulfide	2.48	76	111786	19.37	ug/l	100
18) Methyl Acetate	2.62	43	70135	23.09	ug/l	99
19) Methyl tert-butyl Ether	3.00	73	131745	20.38	ug/l	100
20) Methylene Chloride	2.70	84	43901	19.63	ug/l	97
21) trans-1,2-Dichloroethene	2.99	96	41015	19.89	ug/l	96
22) Diisopropyl ether	3.58	45	129858	20.56	ug/l	95
23) Vinyl Acetate	3.53	43	571987	103.91	ug/l	100
24) 1,1-Dichloroethane	3.45	63	78885	20.81	ug/l	100
25) 2-Butanone	4.27	43	181809	105.84	ug/l	99
26) 2,2-Dichloropropane	4.23	77	61583	17.87	ug/l	98
27) cis-1,2-Dichloroethene	4.23	96	46609	20.05	ug/l	97
28) Bromochloromethane	4.55	49	36605	21.59	ug/l	99
29) Tetrahydrofuran	4.64	42	114429	111.19	ug/l	98
30) Chloroform	4.68	83	80922	20.22	ug/l	98
31) Cyclohexane	5.00	56	68305	19.90	ug/l	98
32) 1,1,1-Trichloroethane	4.92	97	75514	20.96	ug/l	98
36) 1,1-Dichloropropene	5.14	75	60473	19.98	ug/l	99
37) Ethyl Acetate	4.39	43	65579	20.90	ug/l	99
38) Carbon Tetrachloride	5.14	117	65666	19.16	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	66181	19.09	ug/l	98
40) Benzene	5.39	78	172005	19.45	ug/l	99
41) Methacrylonitrile	4.55	41	36916	21.18	ug/l	99
42) 1,2-Dichloroethane	5.41	62	67897	19.94	ug/l	100
43) Isopropyl Acetate	5.55	43	103432	19.95	ug/l	99
44) Trichloroethene	6.19	130	48862	19.84	ug/l	96
45) 1,2-Dichloropropane	6.44	63	45878	19.89	ug/l	94
46) Dibromomethane	6.56	93	33220	19.87	ug/l	97
47) Bromodichloromethane	6.76	83	61897	19.41	ug/l	91
48) Methyl methacrylate	6.63	41	52950	20.84	ug/l	99
49) 1,4-Dioxane	6.62	88	25344	409.83	ug/l	99
51) 4-Methyl-2-Pentanone	7.46	43	338460	104.27	ug/l	100
52) Toluene	7.64	92	109510	19.93	ug/l	100
53) t-1,3-Dichloropropene	7.88	75	67771	18.93	ug/l	98
54) cis-1,3-Dichloropropene	7.27	75	71496	19.44	ug/l	96
55) 1,1,2-Trichloroethane	8.07	97	43847	19.20	ug/l	99
56) Ethyl methacrylate	8.02	69	64877	19.88	ug/l	98
57) 1,3-Dichloropropane	8.25	76	74912	19.51	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.13	63	137308	97.38	ug/l	100
59) 2-Hexanone	8.36	43	264288	103.86	ug/l	98
60) Dibromochloromethane	8.48	129	51384	19.08	ug/l	98
61) 1,2-Dibromoethane	8.59	107	50516	19.89	ug/l	100
64) Tetrachloroethene	8.23	164	42672	19.38	ug/l	98
65) Chlorobenzene	9.12	112	126761	19.66	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.21	131	45347	19.44	ug/l	96
67) Ethyl Benzene	9.25	91	207047	19.38	ug/l	100
68) m/p-Xylenes	9.38	106	162690	39.67	ug/l	99
69) o-Xylene	9.78	106	78110	19.49	ug/l	99
70) Styrene	9.80	104	126819	19.59	ug/l	99
71) Bromoform	9.96	173	38604	19.08	ug/l	# 98
73) Isopropylbenzene	10.17	105	213462	20.02	ug/l	99
74) N-amyl acetate	10.02	43	91109	20.93	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.46	83	74941	20.32	ug/l	99
76) 1,2,3-Trichloropropane	10.50	75	66727m	19.39	ug/l	
77) Bromobenzene	10.46	156	57652	19.60	ug/l	99
78) n-propylbenzene	10.59	91	247826	19.91	ug/l	99
79) 2-Chlorotoluene	10.66	91	145951	20.02	ug/l	99
80) 1,3,5-Trimethylbenzene	10.78	105	181476	20.04	ug/l	98
81) trans-1,4-Dichloro-2-buten	10.50	75	53585m	39.04	ug/l	
82) 4-Chlorotoluene	10.78	91	173074	20.14	ug/l	99
83) tert-Butylbenzene	11.10	119	176349	19.60	ug/l	98
84) 1,2,4-Trimethylbenzene	11.15	105	184384	20.09	ug/l	97
85) sec-Butylbenzene	11.33	105	217758	19.82	ug/l	100
86) p-Isopropyltoluene	11.48	119	196112	19.94	ug/l	99
87) 1,3-Dichlorobenzene	11.42	146	106819	19.57	ug/l	98
88) 1,4-Dichlorobenzene	11.51	146	109013	19.16	ug/l	99
89) n-Butylbenzene	11.89	91	179368	19.76	ug/l	98
90) Hexachloroethane	12.15	117	31649	18.10	ug/l	98
91) 1,2-Dichlorobenzene	11.88	146	103404	19.32	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	18334	20.97	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	72416	20.05	ug/l	99
94) Hexachlorobutadiene	13.70	225	36323	19.08	ug/l	96
95) Naphthalene	13.75	128	218852	19.64	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	74382	20.65	ug/l	99

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

