

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU072718\
 Data File : VU025677.D
 Acq On : 27 Jul 2018 18:25
 Operator : MD/SY
 Sample : J3762-08 LOO 2.0PPB
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 LOQ-WATER-02-QT3-2018

Quant Time: Jul 30 08:42:48 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	162949	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	247911	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	235936	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	139715	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.31	65	132826	52.32	ug/l	0.00
Spiked Amount			Recovery	=	104.64%	
35) Dibromofluoromethane	4.89	113	106449	49.37	ug/l	0.00
Spiked Amount			Recovery	=	98.74%	
50) Toluene-d8	7.57	98	373886	49.55	ug/l	0.00
Spiked Amount			Recovery	=	99.10%	
62) 4-Bromofluorobenzene	10.31	95	137691	47.02	ug/l	0.00
Spiked Amount			Recovery	=	94.04%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.21	85	3981	1.62	ug/l	98
3) Chloromethane	1.33	50	4734	2.01	ug/l	92
4) Vinyl Chloride	1.40	62	4653	2.10	ug/l	95
5) Bromomethane	1.63	94	2692	2.49	ug/l #	73
6) Chloroethane	1.70	64	2645	2.04	ug/l	92
7) Trichlorofluoromethane	1.89	101	6583	2.06	ug/l	93
8) Diethyl Ether	2.10	74	2296	1.98	ug/l	90
9) 1,1,2-Trichlorotrifluoroet	2.29	101	3973	2.14	ug/l	94
12) 1,1-Dichloroethene	2.28	96	3227	1.84	ug/l #	89
14) Allyl chloride	2.59	41	6200	1.97	ug/l	95
15) Acrylonitrile	2.94	53	12316	11.10	ug/l	97
16) Acetone	2.32	43	12156	9.82	ug/l	95
17) Carbon Disulfide	2.48	76	11745	2.07	ug/l #	93
18) Methyl Acetate	2.62	43	5937	1.99	ug/l	100
19) Methyl tert-butyl Ether	3.00	73	13203	2.08	ug/l	93
20) Methylene Chloride	2.71	84	4441	2.02	ug/l	98
21) trans-1,2-Dichloroethene	2.98	96	4055	2.00	ug/l	97
22) Diisopropyl ether	3.58	45	12602	2.03	ug/l	98
23) Vinyl Acetate	3.53	43	56411	10.45	ug/l	98
24) 1,1-Dichloroethane	3.45	63	7846	2.11	ug/l #	92
25) 2-Butanone	4.27	43	18133	10.76	ug/l	97
26) 2,2-Dichloropropane	4.22	77	6462	1.91	ug/l	95
27) cis-1,2-Dichloroethene	4.24	96	4687	2.06	ug/l	95
28) Bromochloromethane	4.55	49	3332	2.00	ug/l #	98
29) Tetrahydrofuran	4.65	42	10938	10.83	ug/l #	81
30) Chloroform	4.68	83	8211	2.09	ug/l	94
31) Cyclohexane	5.00	56	9640	1.67	ug/l #	74
32) 1,1,1-Trichloroethane	4.92	97	7218	2.04	ug/l	98
36) 1,1-Dichloropropene	5.14	75	5753	1.99	ug/l	96
37) Ethyl Acetate	4.38	43	6574	2.19	ug/l	96
38) Carbon Tetrachloride	5.14	117	6069	1.85	ug/l #	84
39) Methylcyclohexane	6.42	83	6689	2.02	ug/l	96
40) Benzene	5.39	78	17006	2.01	ug/l	93
41) Methacrylonitrile	4.55	41	3727	2.23	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 1,2-Dichloroethane	5.41	62	6467	1.98	ug/l	94
43) Isopropyl Acetate	5.55	43	10295	2.07	ug/l	99
44) Trichloroethene	6.19	130	5085	2.16	ug/l	93
45) 1,2-Dichloropropane	6.44	63	4269	1.93	ug/l	98
46) Dibromomethane	6.56	93	3292	2.06	ug/l	93
47) Bromodichloromethane	6.76	83	5849	1.92	ug/l	98
48) Methyl methacrylate	6.63	41	4894	2.01	ug/l	96
49) 1,4-Dioxane	6.62	88	2565	43.32	ug/l #	91
51) 4-Methyl-2-Pentanone	7.46	43	32187	10.36	ug/l	97
52) Toluene	7.64	92	10441	1.98	ug/l	94
53) t-1,3-Dichloropropene	7.89	75	6310	1.84	ug/l	100
54) cis-1,3-Dichloropropene	7.27	75	6540	1.86	ug/l	95
55) 1,1,2-Trichloroethane	8.07	97	4244	1.94	ug/l	94
56) Ethyl methacrylate	8.02	69	5821	1.86	ug/l	99
57) 1,3-Dichloropropane	8.25	76	7324	1.99	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.14	63	11645	15.08	ug/l	98
59) 2-Hexanone	8.36	43	23683	9.72	ug/l	98
60) Dibromochloromethane	8.48	129	4646	1.80	ug/l	99
61) 1,2-Dibromoethane	8.59	107	4626	1.90	ug/l	92
64) Tetrachloroethene	8.23	164	4503	2.17	ug/l	91
65) Chlorobenzene	9.12	112	12069	1.98	ug/l	96
66) 1,1,1,2-Tetrachloroethane	9.21	131	4179	1.90	ug/l	96
67) Ethyl Benzene	9.25	91	20091	1.99	ug/l	97
68) m/p-Xylenes	9.38	106	15127	3.91	ug/l	96
69) o-Xylene	9.78	106	7134	1.89	ug/l	100
70) Styrene	9.80	104	11758	1.93	ug/l	98
71) Bromoform	9.96	173	3224	1.69	ug/l #	93
73) Isopropylbenzene	10.17	105	19867	2.08	ug/l	97
74) N-amyl acetate	10.01	43	7898	2.03	ug/l	97
75) 1,1,2,2-Tetrachloroethane	10.46	83	6739	2.04	ug/l	94
76) 1,2,3-Trichloropropane	10.50	75	7731	2.51	ug/l	89
77) Bromobenzene	10.46	156	5348	2.03	ug/l	92
78) n-propylbenzene	10.59	91	23082	2.07	ug/l	100
79) 2-Chlorotoluene	10.66	91	13728	2.11	ug/l	98
80) 1,3,5-Trimethylbenzene	10.78	105	15951	1.97	ug/l	95
81) trans-1,4-Dichloro-2-buten	10.50	75	7731	6.30	ug/l #	100
82) 4-Chlorotoluene	10.78	91	16477	2.14	ug/l	97
83) tert-Butylbenzene	11.10	119	15507	1.93	ug/l	99
84) 1,2,4-Trimethylbenzene	11.15	105	16503	2.01	ug/l	97
85) sec-Butylbenzene	11.33	105	19587	1.99	ug/l	99
86) p-Isopropyltoluene	11.48	119	17395	1.98	ug/l	98
87) 1,3-Dichlorobenzene	11.42	146	10119	2.07	ug/l	99
88) 1,4-Dichlorobenzene	11.51	146	10934	2.15	ug/l	90
89) n-Butylbenzene	11.90	91	15309	1.89	ug/l	99
90) Hexachloroethane	12.15	117	2794	1.79	ug/l	100
91) 1,2-Dichlorobenzene	11.89	146	10201	2.13	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	1545	1.98	ug/l	95
93) 1,2,4-Trichlorobenzene	13.51	180	6569	2.03	ug/l	99
94) Hexachlorobutadiene	13.70	225	3742	2.20	ug/l	97
95) Naphthalene	13.75	128	17815	2.92	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
96) 1,2,3-Trichlorobenzene	13.99	180	6190	1.92	ug/l	98

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

