

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101118\
 Data File : VU027600.D
 Acq On : 11 Oct 2018 15:44
 Operator : MD/SY
 Sample : J5164-07 0.5ppb
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2018

Manual Integrations
 APPROVED

MMDadoda
 10/16/2018 2:22:45 PM

Quant Time: Oct 12 17:16:58 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U101118W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 11 10:41:56 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	114315	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	196601	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	173260	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	73554	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	91643	51.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.58%	
35) Dibromofluoromethane	4.89	113	64849	49.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.72%	
50) Toluene-d8	7.57	98	236957	47.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.68%	
62) 4-Bromofluorobenzene	10.31	95	76823	43.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.00%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.21	85	633	0.51	ug/l	89
5) Bromomethane	1.63	94	598	0.60	ug/l	# 75
6) Chloroethane	1.70	64	1146m	Below	Cal	
8) Diethyl Ether	2.11	74	435	0.47	ug/l	48
12) 1,1-Dichloroethene	2.29	96	621	0.53	ug/l	# 62
18) Methyl Acetate	2.62	43	1505	0.56	ug/l	# 82
24) 1,1-Dichloroethane	3.45	63	1425m	0.49	ug/l	
25) 2-Butanone	4.28	43	4062	2.66	ug/l	98
26) 2,2-Dichloropropane	4.23	77	1129	0.49	ug/l	# 68
28) Bromochloromethane	4.55	49	654m	0.46	ug/l	
29) Tetrahydrofuran	4.66	42	2474	2.58	ug/l	# 88
31) Cyclohexane	4.99	56	3995	0.21	ug/l	# 13
32) 1,1,1-Trichloroethane	4.92	97	1071	0.49	ug/l	# 51
36) 1,1-Dichloropropene	5.14	75	1064	0.53	ug/l	# 81
37) Ethyl Acetate	4.40	43	1744m	0.58	ug/l	
38) Carbon Tetrachloride	5.14	117	902	0.49	ug/l	# 88
41) Methacrylonitrile	4.56	41	293m	0.78	ug/l	
42) 1,2-Dichloroethane	5.41	62	1068m	0.48	ug/l	
43) Isopropyl Acetate	5.56	43	1758	0.42	ug/l	# 75
45) 1,2-Dichloropropane	6.44	63	718	0.42	ug/l	# 42
46) Dibromomethane	6.57	93	474	0.47	ug/l	93
47) Bromodichloromethane	6.76	83	928	0.46	ug/l	# 97
48) Methyl methacrylate	6.64	41	886	1.87	ug/l	# 81
49) 1,4-Dioxane	6.63	88	252m	6.35	ug/l	
53) t-1,3-Dichloropropene	7.89	75	1106	0.48	ug/l	90
55) 1,1,2-Trichloroethane	8.08	97	588	0.41	ug/l	# 83
56) Ethyl methacrylate	8.04	69	839	2.48	ug/l	# 90
57) 1,3-Dichloropropane	8.25	76	1230	0.45	ug/l	93
60) Dibromochloromethane	8.48	129	608	0.43	ug/l	95
61) 1,2-Dibromoethane	8.59	107	716	0.48	ug/l	85
64) Tetrachloroethene	8.23	164	663	0.62	ug/l	# 81
71) Bromoform	9.96	173	377	0.37	ug/l	# 65
74) N-amyl acetate	10.02	43	1547	0.53	ug/l	# 79
76) 1,2,3-Trichloropropane	10.50	75	1030m	0.49	ug/l	

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
80) 1,3,5-Trimethylbenzene	10.77	105	2147	0.28	ug/l	96
81) trans-1,4-Dichloro-2-buten	10.51	75	417m	0.23	ug/l	
85) sec-Butylbenzene	11.33	105	2419	0.74	ug/l	99
90) Hexachloroethane	12.15	117	370m	0.45	ug/l	
92) 1,2-Dibromo-3-Chloropropan	12.66	75	206	0.44	ug/l #	68
93) 1,2,4-Trichlorobenzene	13.51	180	798	2.13	ug/l	89
94) Hexachlorobutadiene	13.70	225	498	0.68	ug/l	87
95) Naphthalene	13.75	128	2961	1.80	ug/l #	86
96) 1,2,3-Trichlorobenzene	14.00	180	1035	0.69	ug/l #	85

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

