

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101118\
 Data File : VU027590.D
 Acq On : 11 Oct 2018 11:51
 Operator : MD/SY
 Sample : J5164-07 0.2ppb
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

MMDadoda
 10/15/2018 1:01:26 PM

Quant Time: Oct 12 17:06:17 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	4.98	168	119406	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	202895	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	178508	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	75758	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	94709	51.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.48%	
35) Dibromofluoromethane	4.88	113	66640	49.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.28%	
50) Toluene-d8	7.57	98	246681	48.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.52%	
62) 4-Bromofluorobenzene	10.31	95	80365	43.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.18%	

Target Compounds						Qvalue
3) Chloromethane	1.33	50	575	0.28	ug/l	95
4) Vinyl Chloride	1.40	62	431	0.23	ug/l #	87
7) Trichlorofluoromethane	1.88	101	513	0.24	ug/l #	78
8) Diethyl Ether	2.11	74	224	0.23	ug/l	97
14) Allyl chloride	2.60	41	602	0.20	ug/l #	78
15) Acrylonitrile	2.95	53	1217	1.14	ug/l #	89
16) Acetone	2.32	43	1860	1.65	ug/l #	89
17) Carbon Disulfide	2.48	76	2638	0.63	ug/l #	92
20) Methylene Chloride	2.70	84	367	0.23	ug/l #	81
21) trans-1,2-Dichloroethene	2.98	96	369	0.27	ug/l	86
23) Vinyl Acetate	3.54	43	4374	0.91	ug/l #	76
27) cis-1,2-Dichloroethene	4.24	96	324	0.22	ug/l #	77
30) Chloroform	4.68	83	562	0.21	ug/l	84
40) Benzene	5.39	78	1298	0.21	ug/l #	89
44) Trichloroethene	6.19	130	311	0.23	ug/l	84
51) 4-Methyl-2-Pentanone	7.47	43	2743	0.95	ug/l #	83
52) Toluene	7.64	92	826	0.23	ug/l	91
58) 2-Chloroethyl Vinyl ether	7.14	63	1052	6.25	ug/l #	87
59) 2-Hexanone	8.38	43	2067	0.92	ug/l	91
65) Chlorobenzene	9.12	112	955	0.26	ug/l	92
67) Ethyl Benzene	9.25	91	1496	0.24	ug/l	96
68) m/p-Xylenes	9.38	106	1009	0.44	ug/l	98
70) Styrene	9.80	104	735	1.43	ug/l	93
73) Isopropylbenzene	10.17	105	1207	0.24	ug/l	81
75) 1,1,2,2-Tetrachloroethane	10.47	83	510	0.23	ug/l #	52
77) Bromobenzene	10.46	156	349	0.28	ug/l	69
78) n-propylbenzene	10.59	91	1403	0.23	ug/l	90
79) 2-Chlorotoluene	10.67	91	1018	0.27	ug/l	85
82) 4-Chlorotoluene	10.78	91	1272	0.30	ug/l	93
83) tert-Butylbenzene	11.10	119	928	0.22	ug/l	91
84) 1,2,4-Trimethylbenzene	11.15	105	1003	0.21	ug/l	89
86) p-Isopropyltoluene	11.48	119	865	0.66	ug/l #	80
87) 1,3-Dichlorobenzene	11.42	146	783	0.34	ug/l	94
88) 1,4-Dichlorobenzene	11.51	146	1071m	0.44	ug/l	

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
89) n-Butylbenzene	11.89	91	883	1.75	ug/l #	86
91) 1,2-Dichlorobenzene	11.89	146	712	0.30	ug/l	84

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

