

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102720\
 Data File : VN064326.D
 Acq On : 27 Oct 2020 15:17
 Operator : JC/MD
 Sample : L4214-09 .5PPB MDL
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MDL-WATER-03-QT4-2020

Manual Integrations
 APPROVED

MMDadoda
 10/28/2020 12:35:58 PM

Quant Time: Oct 28 05:42:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N102720W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 28 05:08:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	260950	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	440920	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	387266	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	161517	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	178232	42.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.00%	
35) Dibromofluoromethane	7.55	113	117137	39.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	79.68%	
50) Toluene-d8	10.06	98	424745	39.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	78.10%	
62) 4-Bromofluorobenzene	12.38	95	156833	36.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	73.96%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.04	50	722	0.223	ug/l #	37
5) Bromomethane	2.54	94	765	0.377	ug/l	92
10) Methyl Iodide	3.91	142	711m	0.202	ug/l	
13) Acrolein	3.57	56	238	1.689	ug/l #	10
15) Acrylonitrile	4.93	53	345	0.264	ug/l #	65
16) Acetone	3.79	43	2273	1.487	ug/l #	80
17) Carbon Disulfide	4.01	76	2520	0.342	ug/l #	75
18) Methyl Acetate	4.30	43	1182m	0.375	ug/l	
20) Methylene Chloride	4.51	84	960	0.323	ug/l #	77
23) Vinyl Acetate	5.86	43	5337m	0.634	ug/l	
25) 2-Butanone	6.80	43	1932m	0.918	ug/l	
29) Tetrahydrofuran	7.17	42	1151m	0.842	ug/l	
31) Cyclohexane	7.63	56	7726	1.587	ug/l #	19
42) 1,2-Dichloroethane	8.07	62	1374m	0.257	ug/l	
51) 4-Methyl-2-Pentanone	9.96	43	2785	0.624	ug/l #	83
58) 2-Chloroethyl Vinyl ether	9.67	63	6088	2.389	ug/l	99
59) 2-Hexanone	10.72	43	2006	0.610	ug/l	96
64) Tetrachloroethene	10.60	164	1028	0.323	ug/l #	44
68) m/p-Xylenes	11.59	106	1480m	0.274	ug/l	
76) 1,2,3-Trichloropropane	12.52	75	968m	0.250	ug/l	
77) Bromobenzene	12.50	156	629	0.212	ug/l	74
88) 1,4-Dichlorobenzene	13.33	146	1429	0.271	ug/l #	71

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

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