

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071318\
 Data File : VN049791.D
 Acq On : 13 Jul 2018 12:40
 Operator : MD\SY
 Sample : J3762-09 MDL 0.2ppb
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MDL-WATER-03-QT3-2018

Manual Integrations
 APPROVED

MMDadoda
 7/16/2018 11:25:23 AM

Quant Time: Jul 16 03:58:43 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N071218W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 12 15:51:38 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1102201	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1759071	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1509826	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	580923	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	736294	57.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.86%	
35) Dibromofluoromethane	7.59	113	698656	52.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.38%	
50) Toluene-d8	10.09	98	2098402	46.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.46%	
62) 4-Bromofluorobenzene	12.40	95	629709	38.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	77.70%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	2752	Below Cal		92
3) Chloromethane	2.06	50	5153	Below Cal		93
4) Vinyl Chloride	2.18	62	3946	Below Cal		96
5) Bromomethane	2.57	94	6130	Below Cal		97
7) Trichlorofluoromethane	3.02	101	5167	0.25 ug/l		95
8) Diethyl Ether	3.42	74	2074	0.28 ug/l		76
9) 1,1,2-Trichlorotrifluoroet	3.77	101	3173m	0.23 ug/l		
12) 1,1-Dichloroethene	3.73	96	2864	0.24 ug/l #		90
15) Acrylonitrile	5.02	53	4627m	1.08 ug/l		
16) Acetone	3.83	43	5713	Below Cal		91
17) Carbon Disulfide	4.06	76	11683	Below Cal		99
18) Methyl Acetate	4.34	43	11722	0.36 ug/l		92
20) Methylene Chloride	4.55	84	6207	Below Cal	#	94
21) trans-1,2-Dichloroethene	5.05	96	3387	0.26 ug/l #		81
23) Vinyl Acetate	5.91	43	17845	0.67 ug/l #		93
25) 2-Butanone	6.85	43	5426	1.09 ug/l #		88
26) 2,2-Dichloropropane	6.82	77	5123m	0.25 ug/l		
27) cis-1,2-Dichloroethene	6.84	96	3271	0.22 ug/l #		15
29) Tetrahydrofuran	7.23	42	3811	1.21 ug/l #		89
30) Chloroform	7.38	83	5420	0.21 ug/l		96
31) Cyclohexane	7.67	56	23380	0.92 ug/l #		1
32) 1,1,1-Trichloroethane	7.57	97	4754m	0.22 ug/l		
36) 1,1-Dichloropropene	7.79	75	4898	0.24 ug/l #		65
38) Carbon Tetrachloride	7.67	117	98050	4.63 ug/l #		16
42) 1,2-Dichloroethane	8.13	62	4251	0.21 ug/l		92
44) Trichloroethene	8.83	130	3521	0.22 ug/l		66
45) 1,2-Dichloropropane	9.12	63	3291	0.20 ug/l		92
46) Dibromomethane	9.21	93	2097	0.22 ug/l #		77
48) Methyl methacrylate	9.20	41	2292	0.21 ug/l		86
51) 4-Methyl-2-Pentanone	9.99	43	8825	0.75 ug/l		92
52) Toluene	10.16	92	7819	0.22 ug/l		92
53) t-1,3-Dichloropropene	10.39	75	4319	0.21 ug/l		90
55) 1,1,2-Trichloroethane	10.56	97	4834	Below Cal	#	66
58) 2-Chloroethyl Vinyl ether	9.70	63	5603	0.71 ug/l #		75

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

59) 2-Hexanone	10.76	43	6344	0.81	ug/l	99
64) Tetrachloroethene	10.63	164	3288	0.24	ug/l #	88
65) Chlorobenzene	11.44	112	8322	0.21	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.52	131	3284	0.22	ug/l #	65
68) m/p-Xylenes	11.62	106	8308	0.34	ug/l	84
75) 1,1,2,2-Tetrachloroethane	12.50	83	3024	Below	Cal #	96
76) 1,2,3-Trichloropropane	12.56	75	2195m	0.21	ug/l	
77) Bromobenzene	12.53	156	3355	0.26	ug/l	85
79) 2-Chlorotoluene	12.68	91	7328	0.22	ug/l	95
82) 4-Chlorotoluene	12.77	91	6638	0.20	ug/l	97
83) tert-Butylbenzene	12.99	119	6907	0.20	ug/l	95
87) 1,3-Dichlorobenzene	13.29	146	4531	0.20	ug/l	93
88) 1,4-Dichlorobenzene	13.37	146	6115m	0.28	ug/l	
90) Hexachloroethane	13.88	117	2225	Below	Cal	86
91) 1,2-Dichlorobenzene	13.65	146	4786	0.22	ug/l	93
92) 1,2-Dibromo-3-Chloropropan	14.28	75	574	Below	Cal #	10
93) 1,2,4-Trichlorobenzene	14.91	180	2124	3.06	ug/l	92
94) Hexachlorobutadiene	15.02	225	2026	Below	Cal	76
95) Naphthalene	15.13	128	4062	4.17	ug/l #	92

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

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