

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071318\
 Data File : VN049792.D
 Acq On : 13 Jul 2018 13:06
 Operator : MD\SY
 Sample : J3762-07 LOD/MDL 0.5ppb
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2018

Manual Integrations
 APPROVED

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

Quant Time: Jul 16 03:59:50 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	1179500	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1849733	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1598984	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	632135	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	794436	57.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.80%	
35) Dibromofluoromethane	7.59	113	754569	54.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.24%	
50) Toluene-d8	10.09	98	2304691	48.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.58%	
62) 4-Bromofluorobenzene	12.40	95	708625	41.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.14%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	7652	Below Cal		92
3) Chloromethane	2.06	50	11332	Below Cal		100
5) Bromomethane	2.57	94	11085	Below Cal		92
6) Chloroethane	2.71	64	7269	0.69	ug/l	96
7) Trichlorofluoromethane	3.01	101	15972	0.71	ug/l	94
8) Diethyl Ether	3.42	74	5140m	0.64	ug/l	
9) 1,1,2-Trichlorotrifluoroet	3.77	101	10284m	0.71	ug/l	
12) 1,1-Dichloroethene	3.73	96	8481	0.66	ug/l	87
14) Allyl chloride	4.33	41	13321	0.64	ug/l #	38
15) Acrylonitrile	5.00	53	13698	2.98	ug/l #	53
16) Acetone	3.83	43	14187	2.14	ug/l	98
17) Carbon Disulfide	4.05	76	26674	0.39	ug/l	98
18) Methyl Acetate	4.34	43	17924	0.84	ug/l	96
19) Methyl tert-butyl Ether	5.05	73	19488m	0.55	ug/l	
21) trans-1,2-Dichloroethene	5.05	96	8391	0.60	ug/l	95
22) Diisopropyl ether	5.96	45	24384	0.57	ug/l #	87
23) Vinyl Acetate	5.91	43	74358	2.60	ug/l	95
24) 1,1-Dichloroethane	5.85	63	16384	0.61	ug/l	97
25) 2-Butanone	6.84	43	16253	3.04	ug/l	90
26) 2,2-Dichloropropane	6.83	77	15955	0.72	ug/l	96
27) cis-1,2-Dichloroethene	6.83	96	9613	0.60	ug/l	94
29) Tetrahydrofuran	7.22	42	9894	2.95	ug/l #	79
30) Chloroform	7.37	83	18627	0.67	ug/l	87
31) Cyclohexane	7.66	56	30545	1.18	ug/l #	3
32) 1,1,1-Trichloroethane	7.57	97	15466	0.66	ug/l #	50
36) 1,1-Dichloropropene	7.79	75	13376	0.63	ug/l	94
37) Ethyl Acetate	6.94	43	4727	0.37	ug/l #	93
38) Carbon Tetrachloride	7.77	117	15131	0.68	ug/l	92
39) Methylcyclohexane	9.08	83	12646	0.56	ug/l	88
40) Benzene	8.04	78	37945	0.60	ug/l	91
41) Methacrylonitrile	7.18	41	2359	0.33	ug/l #	79
42) 1,2-Dichloroethane	8.13	62	13011	0.62	ug/l	92
43) Isopropyl Acetate	8.17	43	12178	0.54	ug/l	97
44) Trichloroethene	8.83	130	10775	0.63	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,2-Dichloropropane	9.12	63	9530	0.56	ug/l	98
46) Dibromomethane	9.21	93	5979	0.59	ug/l	99
47) Bromodichloromethane	9.41	83	14292	0.64	ug/l	98
48) Methyl methacrylate	9.20	41	5089	0.45	ug/l #	84
49) 1,4-Dioxane	9.20	88	1514	10.19	ug/l #	74
51) 4-Methyl-2-Pentanone	9.99	43	29666	2.41	ug/l	96
52) Toluene	10.16	92	22992	0.60	ug/l	98
53) t-1,3-Dichloropropene	10.38	75	11154	0.52	ug/l #	75
54) cis-1,3-Dichloropropene	9.84	75	12592	0.51	ug/l #	90
56) Ethyl methacrylate	10.43	69	8740	0.51	ug/l	95
57) 1,3-Dichloropropane	10.71	76	13730	0.56	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	16620	2.01	ug/l	100
59) 2-Hexanone	10.76	43	19130	2.34	ug/l	91
60) Dibromochloromethane	10.90	129	10265	0.61	ug/l	89
61) 1,2-Dibromoethane	11.01	107	7959	0.57	ug/l	95
64) Tetrachloroethene	10.63	164	8879	0.61	ug/l	91
65) Chlorobenzene	11.44	112	24834	0.60	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.51	131	8989	0.57	ug/l #	59
67) Ethyl Benzene	11.51	91	35948	0.53	ug/l	99
68) m/p-Xylenes	11.62	106	25934	1.01	ug/l	94
69) o-Xylene	11.95	106	10870	0.44	ug/l	87
70) Styrene	11.97	104	16779	0.43	ug/l	96
71) Bromoform	12.13	173	5802	0.55	ug/l #	91
73) Isopropylbenzene	12.25	105	29346	0.56	ug/l	94
74) N-amyl acetate	12.07	43	6919	0.51	ug/l #	96
75) 1,1,2,2-Tetrachloroethane	12.51	83	10319	Below Cal		99
76) 1,2,3-Trichloropropane	12.55	75	7107m	0.63	ug/l	
77) Bromobenzene	12.53	156	10567	0.76	ug/l	88
78) n-propylbenzene	12.59	91	36421	0.61	ug/l	97
79) 2-Chlorotoluene	12.68	91	23657	0.65	ug/l	97
80) 1,3,5-Trimethylbenzene	12.73	105	24128	0.58	ug/l	95
81) trans-1,4-Dichloro-2-buten	12.30	75	1753m	0.50	ug/l	
82) 4-Chlorotoluene	12.77	91	21519	0.60	ug/l	98
83) tert-Butylbenzene	12.99	119	21109	0.57	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	21560	0.51	ug/l	99
85) sec-Butylbenzene	13.17	105	27012	0.55	ug/l	98
86) p-Isopropyltoluene	13.29	119	20007	0.48	ug/l	97
87) 1,3-Dichlorobenzene	13.29	146	13936	0.58	ug/l	95
88) 1,4-Dichlorobenzene	13.36	146	14455m	0.62	ug/l	
89) n-Butylbenzene	13.62	91	15375	0.45	ug/l	95
90) Hexachloroethane	13.88	117	5769	Below Cal		95
91) 1,2-Dichlorobenzene	13.66	146	15254	0.65	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.28	75	1775	0.47	ug/l	69
93) 1,2,4-Trichlorobenzene	14.91	180	5112	3.26	ug/l	99
94) Hexachlorobutadiene	15.01	225	5796	Below Cal		91
95) Naphthalene	15.13	128	9534	4.34	ug/l	95
96) 1,2,3-Trichlorobenzene	15.32	180	5996	0.52	ug/l	92

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

