

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071318\
 Data File : VN049794.D
 Acq On : 13 Jul 2018 13:58
 Operator : MD\SY
 Sample : J3762-08 LOO 2ppb
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 LOQ-WATER-02-QT3-2018

Manual Integrations
 APPROVED

MMDadoda
 7/16/2018 11:25:27 AM

Quant Time: Jul 16 04:07:57 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	1059268	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1642563	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1432236	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	599517	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	664331	53.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.82%	
35) Dibromofluoromethane	7.59	113	619161	50.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.02%	
50) Toluene-d8	10.09	98	1939384	45.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.52%	
62) 4-Bromofluorobenzene	12.40	95	612259	40.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	80.90%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	24157	1.36	ug/l	96
3) Chloromethane	2.06	50	32039	1.56	ug/l	97
4) Vinyl Chloride	2.18	62	34375	1.94	ug/l	90
5) Bromomethane	2.57	94	25422	1.87	ug/l	92
6) Chloroethane	2.70	64	20996	2.23	ug/l	99
7) Trichlorofluoromethane	3.01	101	49168	2.45	ug/l	95
8) Diethyl Ether	3.42	74	15702	2.18	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.76	101	29441	2.26	ug/l	97
12) 1,1-Dichloroethene	3.74	96	25887	2.26	ug/l	93
14) Allyl chloride	4.33	41	39283	2.10	ug/l	97
15) Acrylonitrile	5.00	53	42498	10.29	ug/l	96
16) Acetone	3.83	43	34578	9.40	ug/l	94
17) Carbon Disulfide	4.05	76	71136	2.01	ug/l	99
18) Methyl Acetate	4.34	43	34747	2.68	ug/l #	82
19) Methyl tert-butyl Ether	5.05	73	64153	2.02	ug/l	95
20) Methylene Chloride	4.56	84	33717	1.78	ug/l	97
21) trans-1,2-Dichloroethene	5.05	96	27387	2.19	ug/l	95
22) Diisopropyl ether	5.96	45	72000	1.88	ug/l	95
23) Vinyl Acetate	5.91	43	242955	9.44	ug/l	99
24) 1,1-Dichloroethane	5.85	63	52035	2.16	ug/l	97
25) 2-Butanone	6.85	43	46697	9.72	ug/l	98
26) 2,2-Dichloropropane	6.83	77	42186	2.11	ug/l	80
27) cis-1,2-Dichloroethene	6.84	96	30286	2.12	ug/l	98
29) Tetrahydrofuran	7.22	42	27299	9.05	ug/l	100
30) Chloroform	7.37	83	55645	2.24	ug/l	95
31) Cyclohexane	7.66	56	52829	2.51	ug/l #	61
32) 1,1,1-Trichloroethane	7.58	97	45403	2.15	ug/l	97
36) 1,1-Dichloropropene	7.79	75	37221	1.97	ug/l	83
37) Ethyl Acetate	6.94	43	21629	1.93	ug/l #	96
38) Carbon Tetrachloride	7.77	117	43525	2.20	ug/l	99
39) Methylcyclohexane	9.08	83	36126	1.81	ug/l	96
40) Benzene	8.05	78	117850	2.08	ug/l	98
41) Methacrylonitrile	7.18	41	10907	1.72	ug/l #	89
42) 1,2-Dichloroethane	8.13	62	38047	2.05	ug/l	99

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

43) Isopropyl Acetate	8.17	43	36974	1.84	ug/l	95
44) Trichloroethene	8.84	130	32105	2.11	ug/l	100
45) 1,2-Dichloropropane	9.12	63	29513	1.94	ug/l	95
46) Dibromomethane	9.21	93	18779	2.08	ug/l	96
47) Bromodichloromethane	9.41	83	41865	2.10	ug/l	98
48) Methyl methacrylate	9.20	41	17059	1.69	ug/l	97
49) 1,4-Dioxane	9.20	88	4555	34.53	ug/l #	82
51) 4-Methyl-2-Pentanone	9.99	43	97500	8.92	ug/l	97
52) Toluene	10.16	92	69042	2.04	ug/l	98
53) t-1,3-Dichloropropene	10.38	75	34586	1.81	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	39583	1.82	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	30510	1.72	ug/l	95
56) Ethyl methacrylate	10.43	69	25217	1.65	ug/l	97
57) 1,3-Dichloropropane	10.71	76	43633	2.02	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	55083	7.51	ug/l	99
59) 2-Hexanone	10.76	43	60361	8.30	ug/l	89
60) Dibromochloromethane	10.90	129	28316	1.91	ug/l	93
61) 1,2-Dibromoethane	11.01	107	24722	2.00	ug/l	91
64) Tetrachloroethene	10.63	164	27971	2.15	ug/l	98
65) Chlorobenzene	11.44	112	76983	2.06	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	30079	2.14	ug/l	98
67) Ethyl Benzene	11.51	91	114518	1.87	ug/l	98
68) m/p-Xylenes	11.63	106	78070	3.40	ug/l	99
69) o-Xylene	11.95	106	38570	1.74	ug/l	99
70) Styrene	11.97	104	54875	1.56	ug/l	98
71) Bromoform	12.13	173	17546	1.85	ug/l #	99
73) Isopropylbenzene	12.25	105	98077	1.97	ug/l	98
74) N-amyl acetate	12.07	43	23034	1.78	ug/l	97
75) 1,1,1,2-Tetrachloroethane	12.51	83	32249	0.88	ug/l	96
76) 1,2,3-Trichloropropane	12.56	75	22599m	2.12	ug/l	
77) Bromobenzene	12.53	156	31055	2.35	ug/l	98
78) n-propylbenzene	12.59	91	112340	2.00	ug/l	99
79) 2-Chlorotoluene	12.68	91	74550	2.17	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	80791	2.04	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.30	75	5627m	1.71	ug/l	
82) 4-Chlorotoluene	12.77	91	70408	2.06	ug/l	100
83) tert-Butylbenzene	12.99	119	73277	2.07	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	73286	1.85	ug/l	100
85) sec-Butylbenzene	13.17	105	90731	1.95	ug/l	99
86) p-Isopropyltoluene	13.29	119	72663	1.85	ug/l	99
87) 1,3-Dichlorobenzene	13.29	146	47310	2.06	ug/l	99
88) 1,4-Dichlorobenzene	13.37	146	46127	2.07	ug/l	88
89) n-Butylbenzene	13.62	91	52646	1.62	ug/l	98
90) Hexachloroethane	13.88	117	17222	1.45	ug/l	92
91) 1,2-Dichlorobenzene	13.65	146	48022	2.15	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.27	75	4524	2.10	ug/l	95
93) 1,2,4-Trichlorobenzene	14.91	180	14502	4.00	ug/l	99
94) Hexachlorobutadiene	15.01	225	15633	1.24	ug/l	93
95) Naphthalene	15.14	128	29049	5.03	ug/l #	97
96) 1,2,3-Trichlorobenzene	15.32	180	16615	1.53	ug/l	99

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

