

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071218\
 Data File : VN049782.D
 Acq On : 12 Jul 2018 21:02
 Operator : MD\SY
 Sample : J3762-08 LOO 2ppb
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

MMDadoda
 7/13/2018 1:35:37 PM

Quant Time: Jul 13 04:56:19 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	1074369	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1668852	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1455987	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	613048	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	667529	53.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.82%	
35) Dibromofluoromethane	7.60	113	633522	50.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.72%	
50) Toluene-d8	10.09	98	1932494	44.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.76%	
62) 4-Bromofluorobenzene	12.40	95	611685	39.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	79.54%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	24451	1.36	ug/l	99
3) Chloromethane	2.06	50	32705	1.57	ug/l	97
4) Vinyl Chloride	2.18	62	36402	2.05	ug/l	97
5) Bromomethane	2.57	94	26277	1.93	ug/l	99
6) Chloroethane	2.71	64	23499	2.46	ug/l	98
7) Trichlorofluoromethane	3.02	101	47376	2.33	ug/l	97
8) Diethyl Ether	3.41	74	16833	2.31	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.76	101	29839	2.26	ug/l	# 87
12) 1,1-Dichloroethene	3.74	96	26104	2.25	ug/l	97
14) Allyl chloride	4.33	41	42722	2.25	ug/l	99
15) Acrylonitrile	5.00	53	42583	10.17	ug/l	98
16) Acetone	3.83	43	34792	9.31	ug/l	91
17) Carbon Disulfide	4.05	76	76465	2.16	ug/l	99
18) Methyl Acetate	4.33	43	35303	2.68	ug/l	94
19) Methyl tert-butyl Ether	5.06	73	66595	2.07	ug/l	99
20) Methylene Chloride	4.55	84	35168	1.86	ug/l	95
21) trans-1,2-Dichloroethene	5.05	96	26730	2.10	ug/l	96
22) Diisopropyl ether	5.97	45	75829	1.95	ug/l	96
23) Vinyl Acetate	5.91	43	251866	9.65	ug/l	99
24) 1,1-Dichloroethane	5.85	63	55529	2.27	ug/l	98
25) 2-Butanone	6.85	43	48027	9.86	ug/l	97
26) 2,2-Dichloropropane	6.83	77	41857	2.06	ug/l	99
27) cis-1,2-Dichloroethene	6.84	96	31052	2.14	ug/l	98
29) Tetrahydrofuran	7.22	42	29304	9.58	ug/l	97
30) Chloroform	7.38	83	57748	2.29	ug/l	98
31) Cyclohexane	7.66	56	56838	2.68	ug/l	# 63
32) 1,1,1-Trichloroethane	7.57	97	48167	2.25	ug/l	96
36) 1,1-Dichloropropene	7.80	75	36696	1.91	ug/l	96
37) Ethyl Acetate	6.94	43	16477	1.45	ug/l	# 80
38) Carbon Tetrachloride	7.78	117	42641	2.12	ug/l	98
39) Methylcyclohexane	9.08	83	36815	1.82	ug/l	95
40) Benzene	8.05	78	120178	2.09	ug/l	100
41) Methacrylonitrile	7.18	41	13643	2.12	ug/l	# 80
42) 1,2-Dichloroethane	8.12	62	41360	2.20	ug/l	99

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43) Isopropyl Acetate	8.17	43	39155	1.91	ug/l	97
44) Trichloroethene	8.84	130	32718	2.11	ug/l	97
45) 1,2-Dichloropropane	9.12	63	33444	2.16	ug/l	99
46) Dibromomethane	9.21	93	20375	2.22	ug/l	96
47) Bromodichloromethane	9.41	83	40525	2.00	ug/l	97
48) Methyl methacrylate	9.20	41	17488	1.71	ug/l #	92
49) 1,4-Dioxane	9.20	88	4699	35.06	ug/l #	73
51) 4-Methyl-2-Pentanone	9.99	43	102756	9.25	ug/l	96
52) Toluene	10.16	92	71614	2.08	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	34711	1.78	ug/l	98
54) cis-1,3-Dichloropropene	9.84	75	42109	1.90	ug/l #	88
55) 1,1,2-Trichloroethane	10.56	97	32012	1.80	ug/l	96
56) Ethyl methacrylate	10.43	69	26223	1.69	ug/l	99
57) 1,3-Dichloropropane	10.71	76	44025	2.01	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.70	63	56163	7.53	ug/l	98
59) 2-Hexanone	10.76	43	63262	8.57	ug/l	94
60) Dibromochloromethane	10.90	129	28720	1.90	ug/l	99
61) 1,2-Dibromoethane	11.01	107	24759	1.98	ug/l	93
64) Tetrachloroethene	10.63	164	30981	2.34	ug/l	87
65) Chlorobenzene	11.44	112	77101	2.03	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.51	131	31264	2.19	ug/l	97
67) Ethyl Benzene	11.51	91	115238	1.86	ug/l	96
68) m/p-Xylenes	11.62	106	83677	3.59	ug/l	100
69) o-Xylene	11.95	106	40167	1.78	ug/l	97
70) Styrene	11.97	104	59162	1.65	ug/l	98
71) Bromoform	12.13	173	18914	1.96	ug/l #	99
73) Isopropylbenzene	12.25	105	104095	2.04	ug/l	99
74) N-amyl acetate	12.07	43	23352	1.76	ug/l	98
75) 1,1,1,2-Tetrachloroethane	12.51	83	31854	0.78	ug/l	97
76) 1,2,3-Trichloropropane	12.56	75	27655m	2.54	ug/l	
77) Bromobenzene	12.53	156	31958	2.36	ug/l	95
78) n-propylbenzene	12.59	91	120044	2.09	ug/l	99
79) 2-Chlorotoluene	12.68	91	79915	2.27	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	79778	1.97	ug/l	96
81) trans-1,4-Dichloro-2-buten	12.30	75	5907m	1.75	ug/l	
82) 4-Chlorotoluene	12.78	91	70958	2.04	ug/l	99
83) tert-Butylbenzene	12.99	119	74286	2.05	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	75297	1.85	ug/l	100
85) sec-Butylbenzene	13.17	105	92755	1.95	ug/l	100
86) p-Isopropyltoluene	13.29	119	72641	1.81	ug/l	97
87) 1,3-Dichlorobenzene	13.28	146	47595	2.03	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	49656	2.18	ug/l	90
89) n-Butylbenzene	13.62	91	55529	1.67	ug/l	96
90) Hexachloroethane	13.88	117	18968	1.63	ug/l	99
91) 1,2-Dichlorobenzene	13.66	146	48973	2.14	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.27	75	5059	2.34	ug/l	78
93) 1,2,4-Trichlorobenzene	14.91	180	15244	4.03	ug/l	97
94) Hexachlorobutadiene	15.01	225	16808	1.36	ug/l	96
95) Naphthalene	15.14	128	30884	5.07	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	17785	1.60	ug/l	96

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

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