

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091518\
 Data File : VN051219.D
 Acq On : 15 Sep 2018 13:52
 Operator : MD\SY
 Sample : VN0915WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0915WBSD01

Manual Integrations
 APPROVED

MMDadoda
 9/18/2018 4:31:37 PM

Quant Time: Sep 17 03:09:40 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091018W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 11 02:27:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	619247	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	893393	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	771208	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	350709	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	302368	43.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.76%	
35) Dibromofluoromethane	7.59	113	307000	45.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.46%	
50) Toluene-d8	10.09	98	1092033	42.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.74%	
62) 4-Bromofluorobenzene	12.40	95	337788	40.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	80.18%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	110310	18.47	ug/l	100
3) Chloromethane	2.06	50	144600	18.41	ug/l	99
4) Vinyl Chloride	2.18	62	145400	17.74	ug/l	97
5) Bromomethane	2.57	94	82634	17.22	ug/l	99
6) Chloroethane	2.70	64	87546	17.30	ug/l	96
7) Trichlorofluoromethane	3.01	101	198342	18.26	ug/l	99
8) Diethyl Ether	3.41	74	67917	17.00	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.76	101	121439	17.34	ug/l	100
10) Methyl Iodide	3.95	142	93596	18.32	ug/l	98
11) Tert butyl alcohol	4.79	59	33606	63.85	ug/l	96
12) 1,1-Dichloroethene	3.74	96	112900	17.09	ug/l	99
13) Acrolein	3.61	56	23022	56.63	ug/l	98
14) Allyl chloride	4.33	41	169227	16.82	ug/l	99
15) Acrylonitrile	4.99	53	177328	76.03	ug/l	99
16) Acetone	3.82	43	129929	72.10	ug/l	98
17) Carbon Disulfide	4.05	76	344994	17.79	ug/l	98
18) Methyl Acetate	4.33	43	85992	15.58	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	281510	16.12	ug/l	98
20) Methylene Chloride	4.55	84	131683	17.30	ug/l	97
21) trans-1,2-Dichloroethene	5.04	96	121087	16.90	ug/l	96
22) Diisopropyl ether	5.95	45	360514	18.05	ug/l	98
23) Vinyl Acetate	5.90	43	1118080	82.71	ug/l	100
24) 1,1-Dichloroethane	5.85	63	223518	17.64	ug/l	99
25) 2-Butanone	6.84	43	187262	69.12	ug/l	99
26) 2,2-Dichloropropane	6.83	77	172671	16.64	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	134311	17.09	ug/l	98
28) Bromochloromethane	7.20	49	93433	16.56	ug/l	99
29) Tetrahydrofuran	7.22	42	126170	74.57	ug/l	99
30) Chloroform	7.37	83	226371	17.95	ug/l	98
31) Cyclohexane	7.66	56	199273	17.48	ug/l	94
32) 1,1,1-Trichloroethane	7.57	97	193826	18.04	ug/l	99
36) 1,1-Dichloropropene	7.79	75	170983	17.43	ug/l	99
37) Ethyl Acetate	6.93	43	88251	15.54	ug/l	98
38) Carbon Tetrachloride	7.78	117	174477	18.07	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	181052	16.73	ug/l	97
40) Benzene	8.04	78	524688	17.75	ug/l	100
41) Methacrylonitrile	7.18	41	47091	16.07	ug/l	93
42) 1,2-Dichloroethane	8.13	62	152578	17.71	ug/l	99
43) Isopropyl Acetate	8.17	43	160079	15.97	ug/l	100
44) Trichloroethene	8.84	130	140598	17.39	ug/l	99
45) 1,2-Dichloropropane	9.12	63	134723	17.64	ug/l	99
46) Dibromomethane	9.21	93	77443	16.62	ug/l	99
47) Bromodichloromethane	9.40	83	169978	17.94	ug/l	98
48) Methyl methacrylate	9.20	41	75472	15.45	ug/l	99
49) 1,4-Dioxane	9.20	88	20886	272.67	ug/l	98
51) 4-Methyl-2-Pentanone	9.99	43	419779	75.73	ug/l	99
52) Toluene	10.16	92	315927	17.53	ug/l	98
53) t-1,3-Dichloropropene	10.38	75	156459	16.50	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	188297	16.93	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	113660	17.36	ug/l	99
56) Ethyl methacrylate	10.43	69	123293	15.80	ug/l	98
57) 1,3-Dichloropropane	10.71	76	185577	17.10	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.70	63	232846	74.43	ug/l	99
59) 2-Hexanone	10.75	43	252787	67.24	ug/l	98
60) Dibromochloromethane	10.90	129	127645	17.30	ug/l	99
61) 1,2-Dibromoethane	11.01	107	106661	16.67	ug/l	99
64) Tetrachloroethene	10.63	164	128795	18.30	ug/l	99
65) Chlorobenzene	11.43	112	343147	17.65	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.51	131	130885	18.70	ug/l	100
67) Ethyl Benzene	11.51	91	544497	17.30	ug/l	100
68) m/p-Xylenes	11.62	106	435826	36.03	ug/l	100
69) o-Xylene	11.95	106	207897	17.75	ug/l	100
70) Styrene	11.96	104	322839	17.77	ug/l	100
71) Bromoform	12.13	173	83370	16.92	ug/l #	99
73) Isopropylbenzene	12.25	105	545175	18.54	ug/l	99
74) N-amyl acetate	12.07	43	108145	14.61	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	127871	17.93	ug/l	98
76) 1,2,3-Trichloropropane	12.55	75	101221m	17.65	ug/l	
77) Bromobenzene	12.53	156	137584	17.42	ug/l	98
78) n-propylbenzene	12.59	91	582130	18.01	ug/l	100
79) 2-Chlorotoluene	12.67	91	362293	17.93	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	443003	18.63	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	26960	14.60	ug/l	94
82) 4-Chlorotoluene	12.77	91	351108	17.50	ug/l	100
83) tert-Butylbenzene	12.99	119	381487	18.17	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	441823	18.90	ug/l	99
85) sec-Butylbenzene	13.17	105	489853	18.19	ug/l	99
86) p-Isopropyltoluene	13.29	119	416953	18.27	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	222828	16.63	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	211968	17.23	ug/l	98
89) n-Butylbenzene	13.62	91	278777	15.69	ug/l	99
90) Hexachloroethane	13.87	117	80207	18.92	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	221268	16.94	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.27	75	14460	14.86	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	68741	14.01	ug/l	97
94) Hexachlorobutadiene	15.01	225	72050	17.80	ug/l	99
95) Naphthalene	15.13	128	119921	13.46	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	72918	14.33	ug/l	99

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

