

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091418\
 Data File : VN051188.D
 Acq On : 14 Sep 2018 14:22
 Operator : MD\SY
 Sample : VN0914WBS02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0914WBS02

Quant Time: Sep 15 08:22:39 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	575081	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	803866	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	704523	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	309515	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	311922	48.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.48%	
35) Dibromofluoromethane	7.59	113	308763	51.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.24%	
50) Toluene-d8	10.09	98	1122466	48.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.94%	
62) 4-Bromofluorobenzene	12.40	95	334137	44.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.14%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.85	85	93795	16.91	ug/l	98
3) Chloromethane	2.06	50	123578	16.90	ug/l	98
4) Vinyl Chloride	2.18	62	130897	17.19	ug/l	98
5) Bromomethane	2.57	94	73073	16.35	ug/l	99
6) Chloroethane	2.70	64	78799	16.77	ug/l	99
7) Trichlorofluoromethane	3.01	101	185751	18.41	ug/l	98
8) Diethyl Ether	3.42	74	62476	16.84	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.76	101	121471	18.68	ug/l	100
10) Methyl Iodide	3.95	142	80784	17.42	ug/l	97
11) Tert butyl alcohol	4.79	59	34308	70.18	ug/l #	85
12) 1,1-Dichloroethene	3.74	96	105918	17.27	ug/l	96
13) Acrolein	3.61	56	38272	82.20	ug/l	100
14) Allyl chloride	4.33	41	155455	16.63	ug/l	99
15) Acrylonitrile	4.99	53	180323	83.25	ug/l	99
16) Acetone	3.82	43	134237	80.88	ug/l	99
17) Carbon Disulfide	4.05	76	294661	16.37	ug/l	99
18) Methyl Acetate	4.33	43	90585	17.68	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	270368	16.67	ug/l	99
20) Methylene Chloride	4.56	84	126095	17.84	ug/l	100
21) trans-1,2-Dichloroethene	5.04	96	112960	16.98	ug/l	99
22) Diisopropyl ether	5.96	45	353621	19.06	ug/l	99
23) Vinyl Acetate	5.90	43	1058308	84.30	ug/l	99
24) 1,1-Dichloroethane	5.85	63	217167	18.45	ug/l	100
25) 2-Butanone	6.84	43	190443	75.69	ug/l	100
26) 2,2-Dichloropropane	6.83	77	173129	17.97	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	128991	17.67	ug/l	99
28) Bromochloromethane	7.19	49	94381	18.02	ug/l	99
29) Tetrahydrofuran	7.22	42	121653	77.42	ug/l	99
30) Chloroform	7.37	83	224443	19.17	ug/l	99
31) Cyclohexane	7.65	56	177955	16.80	ug/l	96
32) 1,1,1-Trichloroethane	7.57	97	188069	18.85	ug/l	99
36) 1,1-Dichloropropene	7.80	75	161164	18.26	ug/l	100
37) Ethyl Acetate	6.93	43	88455	17.31	ug/l	99
38) Carbon Tetrachloride	7.77	117	168335	19.38	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	163968	16.84	ug/l	97
40) Benzene	8.04	78	500901	18.83	ug/l	98
41) Methacrylonitrile	7.22	41	122688	46.52	ug/l #	13
42) 1,2-Dichloroethane	8.13	62	150174	19.37	ug/l	99
43) Isopropyl Acetate	8.17	43	154988	17.18	ug/l #	88
44) Trichloroethene	8.84	130	134795	18.53	ug/l	99
45) 1,2-Dichloropropane	9.12	63	133891	19.48	ug/l	100
46) Dibromomethane	9.21	93	76653	18.28	ug/l	99
47) Bromodichloromethane	9.40	83	165922	19.46	ug/l	100
48) Methyl methacrylate	9.20	41	72525	16.50	ug/l	98
49) 1,4-Dioxane	9.20	88	21001	304.70	ug/l	99
51) 4-Methyl-2-Pentanone	9.99	43	427875	85.79	ug/l	99
52) Toluene	10.16	92	310611	19.15	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	148124	17.36	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	183559	18.35	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	113056	19.19	ug/l	98
56) Ethyl methacrylate	10.43	69	117795	16.62	ug/l	98
57) 1,3-Dichloropropane	10.71	76	180906	18.52	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	239980	83.04	ug/l	99
59) 2-Hexanone	10.75	43	257217	76.04	ug/l	98
60) Dibromochloromethane	10.90	129	127056	19.14	ug/l	99
61) 1,2-Dibromoethane	11.01	107	103038	17.89	ug/l	100
64) Tetrachloroethene	10.63	164	121769	18.94	ug/l	98
65) Chlorobenzene	11.44	112	330180	18.59	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	127243	19.90	ug/l	99
67) Ethyl Benzene	11.51	91	526649	18.31	ug/l	99
68) m/p-Xylenes	11.62	106	416727	37.71	ug/l	99
69) o-Xylene	11.95	106	197908	18.50	ug/l	100
70) Styrene	11.96	104	308064	18.56	ug/l	98
71) Bromoform	12.13	173	85316	18.95	ug/l #	98
73) Isopropylbenzene	12.25	105	520607	20.06	ug/l	99
74) N-amyl acetate	12.07	43	103184	15.80	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	129511	20.82	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	143357	29.26	ug/l #	100
77) Bromobenzene	12.53	156	134222	19.25	ug/l	99
78) n-propylbenzene	12.59	91	567678	19.90	ug/l	99
79) 2-Chlorotoluene	12.67	91	351228	19.70	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	424802	20.24	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	26621	16.33	ug/l	94
82) 4-Chlorotoluene	12.77	91	338299	19.11	ug/l	99
83) tert-Butylbenzene	12.99	119	363229	19.61	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	421062	20.41	ug/l	99
85) sec-Butylbenzene	13.17	105	470886	19.82	ug/l	100
86) p-Isopropyltoluene	13.29	119	400144	19.86	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	219011	18.52	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	206785	19.05	ug/l	99
89) n-Butylbenzene	13.62	91	271854	17.34	ug/l	99
90) Hexachloroethane	13.87	117	79539	21.33	ug/l	97
91) 1,2-Dichlorobenzene	13.65	146	211866	18.38	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	15740	18.18	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	67635	15.16	ug/l	99
94) Hexachlorobutadiene	15.01	225	72260	20.48	ug/l	99
95) Naphthalene	15.13	128	113547	14.05	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	72651	15.80	ug/l	99

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

