

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091418\
 Data File : VN051201.D
 Acq On : 14 Sep 2018 20:31
 Operator : MD\SY
 Sample : VN0914WBS03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0914WBS03

Manual Integrations
 APPROVED

MMDadoda
 9/17/2018 1:26:20 PM

Quant Time: Sep 15 01:16:31 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	556737	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	789028	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	686623	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	310788	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	305343	49.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.56%	
35) Dibromofluoromethane	7.59	113	306799	51.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.50%	
50) Toluene-d8	10.09	98	1082205	48.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.20%	
62) 4-Bromofluorobenzene	12.40	95	329904	44.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.66%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	87245	16.25	ug/l	100
3) Chloromethane	2.06	50	116716	16.47	ug/l	99
4) Vinyl Chloride	2.18	62	123615	16.77	ug/l	97
5) Bromomethane	2.57	94	73952	17.14	ug/l	95
6) Chloroethane	2.71	64	74426	16.36	ug/l	99
7) Trichlorofluoromethane	3.02	101	180006	18.43	ug/l	99
8) Diethyl Ether	3.41	74	61218	17.05	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.76	101	112554	17.88	ug/l	98
10) Methyl Iodide	3.95	142	77705	17.34	ug/l	98
11) Tert butyl alcohol	4.79	59	31845	67.29	ug/l #	88
12) 1,1-Dichloroethene	3.74	96	102183	17.21	ug/l	99
13) Acrolein	3.61	56	25807	64.62	ug/l	95
14) Allyl chloride	4.33	41	150501	16.63	ug/l	99
15) Acrylonitrile	4.99	53	165328	78.84	ug/l	99
16) Acetone	3.82	43	108846	66.77	ug/l	99
17) Carbon Disulfide	4.05	76	283897	16.30	ug/l	99
18) Methyl Acetate	4.33	43	89386	18.02	ug/l	97
19) Methyl tert-butyl Ether	5.05	73	262104	16.70	ug/l	99
20) Methylene Chloride	4.55	84	121448	17.75	ug/l	99
21) trans-1,2-Dichloroethene	5.04	96	110718	17.19	ug/l	99
22) Diisopropyl ether	5.96	45	339164	18.88	ug/l	98
23) Vinyl Acetate	5.90	43	1007732	82.91	ug/l	99
24) 1,1-Dichloroethane	5.85	63	208845	18.33	ug/l	99
25) 2-Butanone	6.84	43	171281	70.31	ug/l	98
26) 2,2-Dichloropropane	6.83	77	151419	16.24	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	122690	17.36	ug/l	99
28) Bromochloromethane	7.20	49	95670	18.86	ug/l	99
29) Tetrahydrofuran	7.21	42	115238	75.76	ug/l	99
30) Chloroform	7.37	83	217819	19.22	ug/l	98
31) Cyclohexane	7.66	56	169374	16.52	ug/l	94
32) 1,1,1-Trichloroethane	7.57	97	183014	18.95	ug/l	100
36) 1,1-Dichloropropene	7.80	75	154144	17.79	ug/l	99
37) Ethyl Acetate	6.93	43	83380	16.62	ug/l	99
38) Carbon Tetrachloride	7.78	117	163250	19.15	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	153729	16.08	ug/l	95
40) Benzene	8.04	78	481239	18.44	ug/l	99
41) Methacrylonitrile	7.18	41	42295	16.34	ug/l	93
42) 1,2-Dichloroethane	8.13	62	141982	18.66	ug/l	99
43) Isopropyl Acetate	8.17	43	153952	17.39	ug/l #	86
44) Trichloroethene	8.84	130	127373	17.84	ug/l	99
45) 1,2-Dichloropropane	9.12	63	128897	19.11	ug/l	98
46) Dibromomethane	9.21	93	73112	17.77	ug/l	100
47) Bromodichloromethane	9.40	83	158417	18.93	ug/l	98
48) Methyl methacrylate	9.20	41	69345	16.07	ug/l	99
49) 1,4-Dioxane	9.20	88	19579	289.41	ug/l	94
51) 4-Methyl-2-Pentanone	9.99	43	392427	80.16	ug/l	99
52) Toluene	10.16	92	288282	18.11	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	142031	16.96	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	172723	17.59	ug/l	100
55) 1,1,2-Trichloroethane	10.56	97	107079	18.52	ug/l	98
56) Ethyl methacrylate	10.43	69	107300	15.60	ug/l	98
57) 1,3-Dichloropropane	10.71	76	172785	18.02	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	226876	80.54	ug/l	99
59) 2-Hexanone	10.75	43	231698	69.79	ug/l	96
60) Dibromochloromethane	10.90	129	119605	18.35	ug/l	99
61) 1,2-Dibromoethane	11.01	107	97101	17.18	ug/l	100
64) Tetrachloroethene	10.63	164	115889	18.50	ug/l	98
65) Chlorobenzene	11.43	112	313629	18.12	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	122606	19.68	ug/l	99
67) Ethyl Benzene	11.51	91	496274	17.71	ug/l	100
68) m/p-Xylenes	11.62	106	396794	36.84	ug/l	99
69) o-Xylene	11.95	106	188946	18.12	ug/l	99
70) Styrene	11.96	104	292306	18.07	ug/l	99
71) Bromoform	12.13	173	76124	17.35	ug/l #	97
73) Isopropylbenzene	12.25	105	495314	19.00	ug/l	99
74) N-amyl acetate	12.07	43	94758	14.45	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	122256	19.47	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	100037m	19.87	ug/l	
77) Bromobenzene	12.53	156	129610	18.51	ug/l	97
78) n-propylbenzene	12.59	91	533443	18.62	ug/l	99
79) 2-Chlorotoluene	12.67	91	337624	18.86	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	405300	19.23	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	25070	15.32	ug/l	96
82) 4-Chlorotoluene	12.77	91	323245	18.19	ug/l	99
83) tert-Butylbenzene	12.99	119	346241	18.61	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	395571	19.09	ug/l	99
85) sec-Butylbenzene	13.17	105	451896	18.94	ug/l	100
86) p-Isopropyltoluene	13.29	119	381298	18.85	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	207620	17.48	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	198100	18.17	ug/l	99
89) n-Butylbenzene	13.62	91	258556	16.42	ug/l	98
90) Hexachloroethane	13.87	117	75422	20.11	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	203522	17.59	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	14408	16.63	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	64007	14.51	ug/l	99
94) Hexachlorobutadiene	15.01	225	67696	18.98	ug/l	99
95) Naphthalene	15.13	128	109234	13.69	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	71053	15.46	ug/l	98

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

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