

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101018\
 Data File : VN051781.D
 Acq On : 10 Oct 2018 11:11
 Operator : MD\SY
 Sample : VN1010WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1010WBS01

Manual Integrations
 APPROVED

MMDadoda
 10/11/2018 5:51:13 PM

Quant Time: Oct 11 02:17:20 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N100418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 09 06:03:49 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	623720	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	934934	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	849492	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	420157	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	393921	47.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.62%	
35) Dibromofluoromethane	7.59	113	364915	50.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.96%	
50) Toluene-d8	10.09	98	1339150	49.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.32%	
62) 4-Bromofluorobenzene	12.40	95	438777	45.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.94%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	138047	18.440	ug/l	99
3) Chloromethane	2.06	50	125963	17.696	ug/l	98
4) Vinyl Chloride	2.18	62	190891	17.025	ug/l	99
5) Bromomethane	2.56	94	164390	19.065	ug/l	96
6) Chloroethane	2.70	64	133568	17.724	ug/l	98
7) Trichlorofluoromethane	3.01	101	208121	16.935	ug/l	97
8) Diethyl Ether	3.41	74	66196	20.259	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	3.76	101	127870	20.518	ug/l	97
10) Methyl Iodide	3.95	142	148230	19.486	ug/l	99
11) Tert butyl alcohol	4.79	59	56081	100.149	ug/l	97
12) 1,1-Dichloroethene	3.74	96	113034	19.460	ug/l	90
13) Acrolein	3.61	56	19947	47.314	ug/l	97
14) Allyl chloride	4.33	41	144783	16.343	ug/l	96
15) Acrylonitrile	4.99	53	186987	96.766	ug/l	97
16) Acetone	3.82	43	142283	91.115	ug/l	98
17) Carbon Disulfide	4.05	76	280372	15.880	ug/l	99
18) Methyl Acetate	4.33	43	94378	20.752	ug/l	94
19) Methyl tert-butyl Ether	5.05	73	364752	19.025	ug/l	97
20) Methylene Chloride	4.55	84	132840	19.595	ug/l	95
21) trans-1,2-Dichloroethene	5.05	96	126633	18.398	ug/l	96
22) Diisopropyl ether	5.96	45	331996	17.482	ug/l	98
23) Vinyl Acetate	5.90	43	1190900	85.287	ug/l	98
24) 1,1-Dichloroethane	5.85	63	222471	18.215	ug/l	98
25) 2-Butanone	6.84	43	217715	91.504	ug/l	96
26) 2,2-Dichloropropane	6.83	77	223317	18.246	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	154627	19.352	ug/l	94
28) Bromochloromethane	7.20	49	96623	17.870	ug/l	86
29) Tetrahydrofuran	7.22	42	142974	97.921	ug/l	95
30) Chloroform	7.37	83	263581	19.208	ug/l	99
31) Cyclohexane	7.66	56	191691	17.138	ug/l	94
32) 1,1,1-Trichloroethane	7.57	97	247065	18.575	ug/l	98
36) 1,1-Dichloropropene	7.80	75	183075	18.734	ug/l	99
37) Ethyl Acetate	6.93	43	98642	19.354	ug/l	98
38) Carbon Tetrachloride	7.78	117	217893	18.582	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	226254	18.444	ug/l	96
40) Benzene	8.04	78	551309	19.030	ug/l	97
41) Methacrylonitrile	7.18	41	48842	18.410	ug/l	95
42) 1,2-Dichloroethane	8.13	62	186740	19.127	ug/l	99
43) Isopropyl Acetate	8.17	43	200762	18.893	ug/l #	87
44) Trichloroethene	8.84	130	164322	19.977	ug/l	100
45) 1,2-Dichloropropane	9.12	63	134049	18.715	ug/l	98
46) Dibromomethane	9.21	93	97411	19.566	ug/l	96
47) Bromodichloromethane	9.40	83	203075	18.529	ug/l	98
48) Methyl methacrylate	9.20	41	92650	19.081	ug/l	98
49) 1,4-Dioxane	9.20	88	30745	422.268	ug/l	98
51) 4-Methyl-2-Pentanone	9.99	43	523198	97.164	ug/l	99
52) Toluene	10.16	92	369270	19.165	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	196076	17.338	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	211574	17.618	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	136717	19.918	ug/l	98
56) Ethyl methacrylate	10.43	69	166965	19.235	ug/l	97
57) 1,3-Dichloropropane	10.71	76	212809	19.589	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	339804	94.589	ug/l	97
59) 2-Hexanone	10.75	43	338373	92.530	ug/l	100
60) Dibromochloromethane	10.90	129	164036	18.262	ug/l	99
61) 1,2-Dibromoethane	11.01	107	142156	19.591	ug/l	100
64) Tetrachloroethene	10.63	164	162577	21.693	ug/l	97
65) Chlorobenzene	11.43	112	422588	20.086	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	162026	19.234	ug/l	100
67) Ethyl Benzene	11.51	91	698595	19.211	ug/l	99
68) m/p-Xylenes	11.62	106	559511	38.454	ug/l	100
69) o-Xylene	11.95	106	282806	19.819	ug/l	97
70) Styrene	11.96	104	424293	18.660	ug/l	99
71) Bromoform	12.13	173	107274	17.120	ug/l #	99
73) Isopropylbenzene	12.25	105	749863	20.937	ug/l	99
74) N-amyl acetate	12.07	43	151084	18.331	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	162849	21.223	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	132788m	23.239	ug/l	
77) Bromobenzene	12.53	156	182850	20.880	ug/l	97
78) n-propylbenzene	12.59	91	795160	20.355	ug/l	98
79) 2-Chlorotoluene	12.68	91	474763	20.621	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	612269	20.285	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	39639	17.342	ug/l	94
82) 4-Chlorotoluene	12.77	91	459678	19.875	ug/l	98
83) tert-Butylbenzene	12.99	119	574218	21.231	ug/l	97
84) 1,2,4-Trimethylbenzene	13.04	105	612635	20.264	ug/l	99
85) sec-Butylbenzene	13.17	105	734883	20.542	ug/l	100
86) p-Isopropyltoluene	13.29	119	648413	20.445	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	315419	20.670	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	302897	20.166	ug/l	99
89) n-Butylbenzene	13.62	91	488992	19.500	ug/l	99
90) Hexachloroethane	13.88	117	116045	18.339	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	315419	20.792	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	25366	20.161	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	132532	19.634	ug/l	98
94) Hexachlorobutadiene	15.01	225	98004	21.398	ug/l	98
95) Naphthalene	15.14	128	279784	19.193	ug/l	98
96) 1,2,3-Trichlorobenzene	15.32	180	136713	20.564	ug/l	97

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

