

Data Path : W:\HPCHEM1\MSVOA N\DATA\VN092115\
 Data File : VN027346.D
 Acq On : 21 Sep 2015 23:17
 Operator : MD\FY
 Sample : VN0921WBS02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0921WBS02

Manual Integrations
 APPROVED

MMDadoda
 9/22/2015 2:28:58 PM

Quant Time: Sep 22 03:53:35 2015
 Quant Method : W:\HPCHEM1\MSVOA_N\METHODS\82N092115W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 21 13:12:32 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.75	168	539062	50.00	ug/l	0.00
35) 1,4-Difluorobenzene	8.68	114	1034487	50.00	ug/l	0.00
64) Chlorobenzene-d5	11.52	117	865769	50.00	ug/l	0.00
73) 1,4-Dichlorobenzene-d4	13.47	152	327543	50.00	ug/l	0.00

System Monitoring Compounds

34) 1,2-Dichloroethane-d4	8.12	65	489915	46.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.86%	
36) Dibromofluoromethane	7.68	113	305297	45.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.46%	
51) Toluene-d8	10.19	98	1168521	44.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.56%	
63) 4-Bromofluorobenzene	12.52	95	411962	43.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.90%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.80	85	105869	18.92	ug/l	97
3) Chlorodifluoromethane	1.82	51	137730	19.44	ug/l	95
4) Chloromethane	2.01	50	124326	19.39	ug/l	99
5) Vinyl Chloride	2.14	62	138301	19.34	ug/l	96
6) Bromomethane	2.54	94	59182	20.32	ug/l	99
7) Chloroethane	2.69	64	90857	19.98	ug/l	99
8) Trichlorofluoromethane	3.02	101	203577	19.60	ug/l	99
9) Diethyl Ether	3.43	74	95371	20.66	ug/l	82
10) 1,1,2-Trichlorotrifluoroet	3.79	101	130676	19.84	ug/l	96
11) Methyl Iodide	3.99	142	94016	19.90	ug/l	95
12) Tert butyl alcohol	4.80	59	87382	103.80	ug/l	99
13) 1,1-Dichloroethene	3.77	96	123951	20.14	ug/l	97
14) Acrolein	3.62	56	92291	84.56	ug/l	97
15) Allyl chloride	4.37	41	232059	19.33	ug/l #	82
16) Acrylonitrile	5.03	53	303345	99.24	ug/l	98
17) Acetone	3.83	43	246760	85.95	ug/l	96
18) Carbon Disulfide	4.11	76	346795	18.82	ug/l	99
19) Methyl Acetate	4.36	43	376057	21.12	ug/l	92
20) Methyl tert-butyl Ether	5.12	73	494601	20.13	ug/l	95
21) Methylene Chloride	4.60	84	152948	20.01	ug/l	96
22) trans-1,2-Dichloroethene	5.13	96	131802	19.47	ug/l	97
23) Diisopropyl ether	6.04	45	516592	19.79	ug/l #	87
24) Vinyl Acetate	5.98	43	792308m	96.33	ug/l	
25) 1,1-Dichloroethane	5.93	63	305166	20.06	ug/l	99
26) 2-Butanone	6.92	43	367781	97.82	ug/l	98
27) 2,2-Dichloropropane	6.92	77	226803	17.30	ug/l	96
28) cis-1,2-Dichloroethene	6.92	96	161085	20.14	ug/l	99
29) Bromochloromethane	7.29	49	116294	19.48	ug/l	96
30) Tetrahydrofuran	7.32	42	245478	103.01	ug/l	90
31) Chloroform	7.46	83	293568	20.54	ug/l	96
32) Cyclohexane	7.77	56	278525	19.63	ug/l #	90
33) 1,1,1-Trichloroethane	7.67	97	249399	19.69	ug/l	96
37) 1,1-Dichloropropene	7.89	75	208573	18.71	ug/l	100
38) Ethyl Acetate	7.02	43	170445	19.80	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Carbon Tetrachloride	7.88	117	197421	18.82	ug/l	95
40) Methylcyclohexane	9.19	83	241790	18.26	ug/l	97
41) Benzene	8.14	78	625513	19.33	ug/l	100
42) Methacrylonitrile	7.25	41	95613	18.81	ug/l #	85
43) 1,2-Dichloroethane	8.22	62	249944	18.95	ug/l	96
44) Isopropyl Acetate	8.25	43	320631	19.49	ug/l	98
45) Trichloroethene	8.93	130	124607	19.22	ug/l	89
46) 1,2-Dichloropropane	9.21	63	175999	19.43	ug/l	100
47) Dibromomethane	9.31	93	103773	19.09	ug/l	94
48) Bromodichloromethane	9.49	83	217304	18.85	ug/l	96
49) Methyl methacrylate	9.29	41	151587	19.58	ug/l #	87
50) 1,4-Dioxane	9.30	88	37027	396.14	ug/l	98
52) 4-Methyl-2-Pentanone	10.07	43	843597	99.68	ug/l	99
53) Toluene	10.26	92	364899	19.06	ug/l	99
54) t-1,3-Dichloropropene	10.47	75	221312	17.98	ug/l	97
55) cis-1,3-Dichloropropene	9.93	75	248964	18.42	ug/l	93
56) 1,1,2-Trichloroethane	10.66	97	140016	19.61	ug/l	99
57) Ethyl methacrylate	10.52	69	217319	19.18	ug/l #	90
58) 1,3-Dichloropropane	10.81	76	257637	19.58	ug/l	98
59) 2-Chloroethyl Vinyl ether	9.78	63	510512	101.68	ug/l	97
60) 2-Hexanone	10.84	43	561367	97.60	ug/l	100
61) Dibromochloromethane	11.00	129	132449	18.95	ug/l	97
62) 1,2-Dibromoethane	11.11	107	128113	18.87	ug/l	98
65) Tetrachloroethene	10.74	164	99640	19.34	ug/l	90
66) Chlorobenzene	11.54	112	359609	19.37	ug/l	100
67) 1,1,1,2-Tetrachloroethane	11.62	131	122350	19.64	ug/l	97
68) Ethyl Benzene	11.62	91	682379	19.49	ug/l	100
69) m/p-Xylenes	11.73	106	474649	39.10	ug/l	92
70) o-Xylene	12.06	106	237554	19.37	ug/l	92
71) Styrene	12.08	104	380384	19.48	ug/l	95
72) Bromoform	12.24	173	78610	18.81	ug/l #	99
74) Isopropylbenzene	12.36	105	648305	19.76	ug/l	98
75) N-amyl acetate	12.17	43	250562	19.25	ug/l	99
76) 1,1,2,2-Tetrachloroethane	12.61	83	181368	19.64	ug/l	99
77) 1,2,3-Trichloropropane	12.66	75	162753m	19.79	ug/l	
78) Bromobenzene	12.64	156	122940	19.15	ug/l	92
79) n-propylbenzene	12.71	91	739187	18.89	ug/l	98
80) 2-Chlorotoluene	12.79	91	448969	18.77	ug/l	96
81) 1,3,5-Trimethylbenzene	12.85	105	503810	18.99	ug/l	95
82) trans-1,4-Dichloro-2-buten	12.40	75	56210	17.53	ug/l	94
83) 4-Chlorotoluene	12.89	91	446941	19.14	ug/l	95
84) tert-Butylbenzene	13.11	119	420770	19.67	ug/l	89
85) 1,2,4-Trimethylbenzene	13.16	105	507444	19.24	ug/l	96
86) sec-Butylbenzene	13.29	105	613614	19.26	ug/l	99
87) p-Isopropyltoluene	13.41	119	453115	18.97	ug/l	93
88) 1,3-Dichlorobenzene	13.41	146	217912	19.67	ug/l	96
89) 1,4-Dichlorobenzene	13.49	146	209946	18.73	ug/l	92
90) n-Butylbenzene	13.74	91	433142	18.16	ug/l	98
91) Hexachloroethane	14.01	117	93649	18.34	ug/l	92
92) 1,2-Dichlorobenzene	13.78	146	217661	19.67	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2-Dibromo-3-Chloropropan	14.40	75	33829	18.69	ug/l	85
94) 1,2,4-Trichlorobenzene	15.05	180	107663	18.82	ug/l	99
95) Hexachlorobutadiene	15.16	225	57389	18.31	ug/l	98
96) Naphthalene	15.29	128	293405	19.28	ug/l	99
97) 1,2,3-Trichlorobenzene	15.47	180	108550	19.05	ug/l	97

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

