

Data Path : W:\HPCHEM1\MSVOA N\DATA\VN092115\
 Data File : VN027340.D
 Acq On : 21 Sep 2015 19:36
 Operator : MD\FY
 Sample : VN0921WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0921WBS01

Manual Integrations
 APPROVED

MMDadoda
 9/22/2015 2:28:33 PM

Quant Time: Sep 22 03:21:39 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	529615	50.00	ug/l	0.00
35) 1,4-Difluorobenzene	8.68	114	1012130	50.00	ug/l	0.00
64) Chlorobenzene-d5	11.52	117	851496	50.00	ug/l	0.00
73) 1,4-Dichlorobenzene-d4	13.47	152	321505	50.00	ug/l	0.00

System Monitoring Compounds

34) 1,2-Dichloroethane-d4	8.12	65	475219	45.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.68%	
36) Dibromofluoromethane	7.68	113	298303	45.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.34%	
51) Toluene-d8	10.19	98	1139247	44.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.24%	
63) 4-Bromofluorobenzene	12.52	95	401719	43.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.62%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.80	85	104619	19.03	ug/l	97
3) Chlorodifluoromethane	1.81	51	112164	16.11	ug/l #	92
4) Chloromethane	2.01	50	117366	18.64	ug/l	96
5) Vinyl Chloride	2.14	62	136453	19.42	ug/l	96
6) Bromomethane	2.54	94	63421	22.17	ug/l	94
7) Chloroethane	2.69	64	85864	19.22	ug/l	99
8) Trichlorofluoromethane	3.02	101	199332	19.54	ug/l	100
9) Diethyl Ether	3.43	74	91475	20.17	ug/l	82
10) 1,1,2-Trichlorotrifluoroet	3.79	101	127060	19.64	ug/l	95
11) Methyl Iodide	3.99	142	76461	16.89	ug/l	93
12) Tert butyl alcohol	4.80	59	86554	104.65	ug/l #	94
13) 1,1-Dichloroethene	3.77	96	117697	19.46	ug/l	86
14) Acrolein	3.62	56	89029	83.03	ug/l	100
15) Allyl chloride	4.37	41	222783	18.89	ug/l #	81
16) Acrylonitrile	5.03	53	309666	103.11	ug/l	98
17) Acetone	3.83	43	281564	99.83	ug/l	93
18) Carbon Disulfide	4.11	76	338171	18.67	ug/l	99
19) Methyl Acetate	4.36	43	371441	21.23	ug/l	95
20) Methyl tert-butyl Ether	5.12	73	487715	20.20	ug/l	94
21) Methylene Chloride	4.60	84	149224	19.87	ug/l	97
22) trans-1,2-Dichloroethene	5.13	96	129292	19.44	ug/l	98
23) Diisopropyl ether	6.04	45	505285	19.70	ug/l #	86
24) Vinyl Acetate	5.98	43	779873m	96.49	ug/l	
25) 1,1-Dichloroethane	5.93	63	296374	19.83	ug/l	99
26) 2-Butanone	6.92	43	387018	104.78	ug/l	93
27) 2,2-Dichloropropane	6.92	77	252738	19.62	ug/l	95
28) cis-1,2-Dichloroethene	6.92	96	152768	19.45	ug/l	96
29) Bromochloromethane	7.29	49	120959	20.62	ug/l	97
30) Tetrahydrofuran	7.32	42	247329	105.63	ug/l	88
31) Chloroform	7.46	83	280350	19.97	ug/l	99
32) Cyclohexane	7.77	56	274720	19.71	ug/l	91
33) 1,1,1-Trichloroethane	7.67	97	242904	19.52	ug/l	97
37) 1,1-Dichloropropene	7.89	75	201040	18.43	ug/l	99
38) Ethyl Acetate	7.02	43	175984	20.89	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Carbon Tetrachloride	7.88	117	193712	18.87	ug/l	99
40) Methylcyclohexane	9.19	83	242392	18.71	ug/l	96
41) Benzene	8.14	78	613321	19.37	ug/l	100
42) Methacrylonitrile	7.24	41	97052	19.52	ug/l #	87
43) 1,2-Dichloroethane	8.22	62	253282	19.62	ug/l	96
44) Isopropyl Acetate	8.25	43	320920	19.93	ug/l	97
45) Trichloroethene	8.94	130	120459	18.99	ug/l	92
46) 1,2-Dichloropropane	9.22	63	173291	19.56	ug/l	98
47) Dibromomethane	9.31	93	103556	19.47	ug/l	92
48) Bromodichloromethane	9.49	83	213648	18.94	ug/l	99
49) Methyl methacrylate	9.29	41	147845	19.51	ug/l #	84
50) 1,4-Dioxane	9.30	88	36912	403.63	ug/l	98
52) 4-Methyl-2-Pentanone	10.07	43	843992	101.93	ug/l	98
53) Toluene	10.26	92	354958	18.95	ug/l	97
54) t-1,3-Dichloropropene	10.47	75	222775	18.50	ug/l	97
55) cis-1,3-Dichloropropene	9.93	75	251168	18.99	ug/l	93
56) 1,1,2-Trichloroethane	10.66	97	134898	19.32	ug/l	98
57) Ethyl methacrylate	10.52	69	212514	19.17	ug/l #	90
58) 1,3-Dichloropropane	10.81	76	253533	19.70	ug/l	99
59) 2-Chloroethyl Vinyl ether	9.78	63	433434	88.24	ug/l	97
60) 2-Hexanone	10.84	43	570574	101.39	ug/l	100
61) Dibromochloromethane	11.00	129	130042	19.01	ug/l	98
62) 1,2-Dibromoethane	11.11	107	128835	19.40	ug/l	99
65) Tetrachloroethene	10.74	164	97356	19.21	ug/l	93
66) Chlorobenzene	11.54	112	355712	19.48	ug/l	99
67) 1,1,1,2-Tetrachloroethane	11.62	131	120028	19.59	ug/l	98
68) Ethyl Benzene	11.62	91	675820	19.62	ug/l	98
69) m/p-Xylenes	11.73	106	462098	38.71	ug/l	90
70) o-Xylene	12.06	106	233085	19.32	ug/l	92
71) Styrene	12.08	104	369906	19.26	ug/l	95
72) Bromoform	12.24	173	76589	18.63	ug/l #	99
74) Isopropylbenzene	12.36	105	633471	19.67	ug/l	97
75) N-amyl acetate	12.17	43	256189	20.05	ug/l	99
76) 1,1,2,2-Tetrachloroethane	12.61	83	182287	20.11	ug/l	99
77) 1,2,3-Trichloropropane	12.66	75	161041m	19.95	ug/l	
78) Bromobenzene	12.64	156	120404	19.10	ug/l	91
79) n-propylbenzene	12.71	91	729371	18.99	ug/l	99
80) 2-Chlorotoluene	12.79	91	448749	19.11	ug/l	95
81) 1,3,5-Trimethylbenzene	12.85	105	503545	19.34	ug/l	94
82) trans-1,4-Dichloro-2-buten	12.40	75	58956	18.73	ug/l	96
83) 4-Chlorotoluene	12.89	91	436667	19.05	ug/l	95
84) tert-Butylbenzene	13.11	119	413578	19.70	ug/l	89
85) 1,2,4-Trimethylbenzene	13.16	105	503875	19.46	ug/l	95
86) sec-Butylbenzene	13.29	105	608468	19.46	ug/l	99
87) p-Isopropyltoluene	13.41	119	447054	19.07	ug/l	94
88) 1,3-Dichlorobenzene	13.41	146	210583	19.36	ug/l	96
89) 1,4-Dichlorobenzene	13.49	146	209573	19.04	ug/l	96
90) n-Butylbenzene	13.74	91	430760	18.40	ug/l	99
91) Hexachloroethane	14.01	117	91034	18.16	ug/l	93
92) 1,2-Dichlorobenzene	13.78	146	216417	19.92	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2-Dibromo-3-Chloropropan	14.40	75	35687	20.08	ug/l	82
94) 1,2,4-Trichlorobenzene	15.05	180	110257	19.64	ug/l	98
95) Hexachlorobutadiene	15.16	225	58586	19.04	ug/l	98
96) Naphthalene	15.29	128	294913	19.65	ug/l	99
97) 1,2,3-Trichlorobenzene	15.47	180	111352	19.90	ug/l	97

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

