

Data Path : W:\HPCHEM1\MSVOA N\DATA\VN092115\
 Data File : VN027341.D
 Acq On : 21 Sep 2015 20:04
 Operator : MD\FY
 Sample : VN0921WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0921WBSD01

Manual Integrations
 APPROVED

MMDadoda
 9/22/2015 2:28:37 PM

Quant Time: Sep 22 03:24:24 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	523220	50.00	ug/l	0.00
35) 1,4-Difluorobenzene	8.68	114	997397	50.00	ug/l	0.00
64) Chlorobenzene-d5	11.52	117	854919	50.00	ug/l	0.00
73) 1,4-Dichlorobenzene-d4	13.47	152	323329	50.00	ug/l	0.00

System Monitoring Compounds

34) 1,2-Dichloroethane-d4	8.12	65	520427	50.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.62%	
36) Dibromofluoromethane	7.68	113	324901	49.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.84%	
51) Toluene-d8	10.19	98	1226257	48.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.48%	
63) 4-Bromofluorobenzene	12.52	95	429922	47.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.06%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.80	85	107437	19.78	ug/l	100
3) Chlorodifluoromethane	1.82	51	130494	18.98	ug/l #	92
4) Chloromethane	2.01	50	123370	19.83	ug/l	98
5) Vinyl Chloride	2.14	62	135417	19.51	ug/l	98
6) Bromomethane	2.54	94	60676	21.47	ug/l	91
7) Chloroethane	2.69	64	87077	19.73	ug/l	99
8) Trichlorofluoromethane	3.02	101	202832	20.12	ug/l	100
9) Diethyl Ether	3.43	74	89576	20.00	ug/l	86
10) 1,1,2-Trichlorotrifluoroet	3.79	101	127233	19.90	ug/l	95
11) Methyl Iodide	3.99	142	82112	18.15	ug/l	92
12) Tert butyl alcohol	4.80	59	84661	103.61	ug/l	96
13) 1,1-Dichloroethene	3.77	96	121403	20.32	ug/l	98
14) Acrolein	3.62	56	87609	82.70	ug/l	95
15) Allyl chloride	4.37	41	227335	19.51	ug/l #	82
16) Acrylonitrile	5.03	53	303554	102.31	ug/l	97
17) Acetone	3.83	43	275256	98.78	ug/l	95
18) Carbon Disulfide	4.11	76	343934	19.23	ug/l	99
19) Methyl Acetate	4.36	43	369096	21.35	ug/l	95
20) Methyl tert-butyl Ether	5.12	73	483260	20.26	ug/l	95
21) Methylene Chloride	4.60	84	147787	19.92	ug/l	98
22) trans-1,2-Dichloroethene	5.13	96	127693	19.44	ug/l	93
23) Diisopropyl ether	6.04	45	506265	19.98	ug/l #	85
24) Vinyl Acetate	5.98	43	779975m	97.57	ug/l	
25) 1,1-Dichloroethane	5.93	63	294832	19.96	ug/l	99
26) 2-Butanone	6.92	43	380062	104.15	ug/l	97
27) 2,2-Dichloropropane	6.92	77	255569	20.08	ug/l	95
28) cis-1,2-Dichloroethene	6.92	96	157310	20.27	ug/l	96
29) Bromochloromethane	7.29	49	127936	22.08	ug/l	97
30) Tetrahydrofuran	7.32	42	244427	105.67	ug/l	89
31) Chloroform	7.46	83	284282	20.49	ug/l	100
32) Cyclohexane	7.77	56	277087	20.16	ug/l #	91
33) 1,1,1-Trichloroethane	7.67	97	246281	20.04	ug/l	97
37) 1,1-Dichloropropene	7.89	75	207215	19.28	ug/l	98
38) Ethyl Acetate	7.02	43	166823	20.10	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Carbon Tetrachloride	7.88	117	197448	19.52	ug/l	98
40) Methylcyclohexane	9.19	83	244861	19.18	ug/l	97
41) Benzene	8.14	78	614165	19.69	ug/l	100
42) Methacrylonitrile	7.24	41	97250	19.85	ug/l #	91
43) 1,2-Dichloroethane	8.22	62	252679	19.87	ug/l	94
44) Isopropyl Acetate	8.25	43	313401	19.76	ug/l	97
45) Trichloroethene	8.93	130	121498	19.44	ug/l	94
46) 1,2-Dichloropropane	9.22	63	172099	19.71	ug/l	99
47) Dibromomethane	9.31	93	101627	19.39	ug/l	94
48) Bromodichloromethane	9.50	83	216366	19.47	ug/l	99
49) Methyl methacrylate	9.29	41	149421	20.01	ug/l #	87
50) 1,4-Dioxane	9.30	88	35634	395.42	ug/l	98
52) 4-Methyl-2-Pentanone	10.07	43	832679	102.05	ug/l	100
53) Toluene	10.26	92	351854	19.07	ug/l	99
54) t-1,3-Dichloropropene	10.47	75	224543	18.93	ug/l	98
55) cis-1,3-Dichloropropene	9.93	75	251800	19.32	ug/l	92
56) 1,1,2-Trichloroethane	10.66	97	135215	19.65	ug/l	98
57) Ethyl methacrylate	10.52	69	215542	19.73	ug/l #	89
58) 1,3-Dichloropropane	10.81	76	250230	19.73	ug/l	99
59) 2-Chloroethyl Vinyl ether	9.78	63	503884	104.09	ug/l	97
60) 2-Hexanone	10.84	43	555094	100.10	ug/l	99
61) Dibromochloromethane	11.00	129	130028	19.29	ug/l	99
62) 1,2-Dibromoethane	11.11	107	130305	19.91	ug/l	99
65) Tetrachloroethene	10.74	164	98208	19.30	ug/l	96
66) Chlorobenzene	11.54	112	350981	19.15	ug/l	100
67) 1,1,1,2-Tetrachloroethane	11.62	131	117081	19.04	ug/l	97
68) Ethyl Benzene	11.62	91	666751	19.28	ug/l	100
69) m/p-Xylenes	11.73	106	458392	38.24	ug/l	90
70) o-Xylene	12.06	106	237213	19.59	ug/l	93
71) Styrene	12.08	104	367964	19.08	ug/l	94
72) Bromoform	12.24	173	75978	18.41	ug/l #	98
74) Isopropylbenzene	12.36	105	627424	19.37	ug/l	99
75) N-amyl acetate	12.17	43	249721	19.43	ug/l	98
76) 1,1,2,2-Tetrachloroethane	12.61	83	177551	19.47	ug/l	97
77) 1,2,3-Trichloropropane	12.66	75	157687m	19.43	ug/l	
78) Bromobenzene	12.64	156	124527	19.65	ug/l	97
79) n-propylbenzene	12.71	91	735191	19.03	ug/l	97
80) 2-Chlorotoluene	12.79	91	449195	19.02	ug/l	95
81) 1,3,5-Trimethylbenzene	12.85	105	497140	18.99	ug/l	96
82) trans-1,4-Dichloro-2-buten	12.40	75	56665	17.90	ug/l	97
83) 4-Chlorotoluene	12.89	91	436046	18.92	ug/l	95
84) tert-Butylbenzene	13.11	119	412121	19.52	ug/l	90
85) 1,2,4-Trimethylbenzene	13.16	105	496160	19.05	ug/l	96
86) sec-Butylbenzene	13.29	105	608836	19.36	ug/l	99
87) p-Isopropyltoluene	13.41	119	454913	19.29	ug/l	94
88) 1,3-Dichlorobenzene	13.41	146	212954	19.47	ug/l	96
89) 1,4-Dichlorobenzene	13.49	146	213758	19.31	ug/l	95
90) n-Butylbenzene	13.74	91	434646	18.46	ug/l	98
91) Hexachloroethane	14.01	117	92433	18.33	ug/l	91
92) 1,2-Dichlorobenzene	13.78	146	218649	20.01	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	34421	19.26	ug/l	85
94) 1,2,4-Trichlorobenzene	15.06	180	108946	19.29	ug/l	99
95) Hexachlorobutadiene	15.16	225	58074	18.77	ug/l	99
96) Naphthalene	15.29	128	294489	19.54	ug/l	99
97) 1,2,3-Trichlorobenzene	15.47	180	109076	19.39	ug/l	97

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

