

Data Path : W:\HPCHEM1\MSVOA N\DATA\VN091715\
 Data File : VN027270.D
 Acq On : 17 Sep 2015 23:02
 Operator : MD\FY
 Sample : VN0917WBS02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0917WBS02

Manual Integrations
 APPROVED

MMDadoda
 9/18/2015 12:23:57 PM

Quant Time: Sep 18 06:58:29 2015
 Quant Method : W:\HPCHEM1\MSVOA_N\METHODS\82N091515W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 15 21:12:09 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.75	168	513062	50.00	ug/l	0.00
35) 1,4-Difluorobenzene	8.68	114	992281	50.00	ug/l	0.00
64) Chlorobenzene-d5	11.52	117	840617	50.00	ug/l	0.00
73) 1,4-Dichlorobenzene-d4	13.47	152	308016	50.00	ug/l	0.00

System Monitoring Compounds						
34) 1,2-Dichloroethane-d4	8.12	65	533417	50.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.48%	
36) Dibromofluoromethane	7.68	113	338876	49.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.54%	
51) Toluene-d8	10.19	98	1303410	48.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.80%	
63) 4-Bromofluorobenzene	12.52	95	450117	47.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.18%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.80	85	118052	19.23	ug/l	96
3) Chlorodifluoromethane	1.82	51	143640	20.22	ug/l	93
4) Chloromethane	2.01	50	137555	20.67	ug/l	98
5) Vinyl Chloride	2.14	62	152366	21.01	ug/l	97
6) Bromomethane	2.54	94	65609	19.44	ug/l	97
7) Chloroethane	2.69	64	97020	19.69	ug/l	99
8) Trichlorofluoromethane	3.02	101	225570	20.60	ug/l	98
9) Diethyl Ether	3.42	74	100980	20.04	ug/l	88
10) 1,1,2-Trichlorotrifluoroet	3.79	101	134723	19.58	ug/l	97
11) Methyl Iodide	3.99	142	104420	15.62	ug/l	91
12) Tert butyl alcohol	4.80	59	91908	89.41	ug/l	95
13) 1,1-Dichloroethene	3.77	96	133070	20.20	ug/l	100
14) Acrolein	3.62	56	107908	89.36	ug/l	98
15) Allyl chloride	4.37	41	254152	19.10	ug/l #	84
16) Acrylonitrile	5.03	53	337083	100.28	ug/l	99
17) Acetone	3.83	43	267196	94.27	ug/l	94
18) Carbon Disulfide	4.11	76	395856	18.45	ug/l	99
19) Methyl Acetate	4.36	43	414642	20.20	ug/l	96
20) Methyl tert-butyl Ether	5.12	73	538430	20.36	ug/l	97
21) Methylene Chloride	4.60	84	160453	20.32	ug/l	94
22) trans-1,2-Dichloroethene	5.13	96	142077	19.94	ug/l	97
23) Diisopropyl ether	6.04	45	564667	20.23	ug/l #	85
24) Vinyl Acetate	5.98	43	892995m	96.65	ug/l	
25) 1,1-Dichloroethane	5.93	63	325119	20.05	ug/l	99
26) 2-Butanone	6.92	43	420771	98.59	ug/l	95
27) 2,2-Dichloropropane	6.92	77	241359	17.15	ug/l	95
28) cis-1,2-Dichloroethene	6.92	96	171993	21.05	ug/l	99
29) Bromochloromethane	7.29	49	138170	21.95	ug/l	98
30) Tetrahydrofuran	7.32	42	277418	94.31	ug/l	90
31) Chloroform	7.46	83	308910	21.08	ug/l	97
32) Cyclohexane	7.77	56	306464	20.68	ug/l	92
33) 1,1,1-Trichloroethane	7.67	97	270574	20.71	ug/l	96
37) 1,1-Dichloropropene	7.89	75	229549	19.76	ug/l	98
38) Ethyl Acetate	7.02	43	188387	18.40	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Carbon Tetrachloride	7.88	117	213593	19.56	ug/l	98
40) Methylcyclohexane	9.19	83	270822	19.15	ug/l	96
41) Benzene	8.14	78	669484	19.75	ug/l	98
42) Methacrylonitrile	7.24	41	109139	19.44	ug/l #	91
43) 1,2-Dichloroethane	8.22	62	270763	19.83	ug/l	96
44) Isopropyl Acetate	8.25	43	355293	19.14	ug/l	98
45) Trichloroethene	8.94	130	133332	19.59	ug/l	93
46) 1,2-Dichloropropane	9.21	63	190006	19.49	ug/l	97
47) Dibromomethane	9.31	93	111358	19.45	ug/l	94
48) Bromodichloromethane	9.49	83	237408	19.68	ug/l	97
49) Methyl methacrylate	9.29	41	173067	18.71	ug/l #	89
50) 1,4-Dioxane	9.30	88	40380	372.29	ug/l	97
52) 4-Methyl-2-Pentanone	10.07	43	953843	97.19	ug/l	100
53) Toluene	10.26	92	397616	20.03	ug/l	99
54) t-1,3-Dichloropropene	10.47	75	247147	18.24	ug/l	98
55) cis-1,3-Dichloropropene	9.93	75	268768	18.23	ug/l	93
56) 1,1,2-Trichloroethane	10.66	97	153258	20.54	ug/l	98
57) Ethyl methacrylate	10.52	69	239192	19.02	ug/l #	90
58) 1,3-Dichloropropane	10.81	76	275217	19.87	ug/l	96
59) 2-Chloroethyl Vinyl ether	9.78	63	551485	95.53	ug/l	97
60) 2-Hexanone	10.84	43	633596	94.82	ug/l	100
61) Dibromochloromethane	11.00	129	144047	18.91	ug/l	99
62) 1,2-Dibromoethane	11.11	107	142634	19.45	ug/l	99
65) Tetrachloroethene	10.74	164	107831	20.06	ug/l	95
66) Chlorobenzene	11.54	112	390745	19.69	ug/l	98
67) 1,1,1,2-Tetrachloroethane	11.62	131	134600	19.88	ug/l	98
68) Ethyl Benzene	11.62	91	745542	19.81	ug/l	99
69) m/p-Xylenes	11.73	106	505928	38.97	ug/l	91
70) o-Xylene	12.06	106	253852	19.50	ug/l	91
71) Styrene	12.08	104	412158	19.62	ug/l	95
72) Bromoform	12.24	173	88634	18.83	ug/l #	99
74) Isopropylbenzene	12.36	105	685199	20.19	ug/l	99
75) N-amyl acetate	12.17	43	286257	18.90	ug/l	99
76) 1,1,2,2-Tetrachloroethane	12.61	83	203408	21.23	ug/l	100
77) 1,2,3-Trichloropropane	12.66	75	175927m	18.90	ug/l	
78) Bromobenzene	12.64	156	131772	19.80	ug/l	89
79) n-propylbenzene	12.71	91	801551	20.07	ug/l	99
80) 2-Chlorotoluene	12.79	91	494635	20.63	ug/l	95
81) 1,3,5-Trimethylbenzene	12.85	105	540358	19.82	ug/l	96
82) trans-1,4-Dichloro-2-buten	12.40	75	65669	17.33	ug/l	93
83) 4-Chlorotoluene	12.89	91	469948	19.95	ug/l	97
84) tert-Butylbenzene	13.11	119	454653	20.21	ug/l	91
85) 1,2,4-Trimethylbenzene	13.16	105	553736	20.22	ug/l	95
86) sec-Butylbenzene	13.29	105	657289	19.94	ug/l	99
87) p-Isopropyltoluene	13.41	119	490863	19.34	ug/l	94
88) 1,3-Dichlorobenzene	13.41	146	229628	20.16	ug/l	96
89) 1,4-Dichlorobenzene	13.49	146	225159	19.52	ug/l	93
90) n-Butylbenzene	13.74	91	466870	18.95	ug/l	99
91) Hexachloroethane	14.01	117	102486	18.45	ug/l	93
92) 1,2-Dichlorobenzene	13.78	146	235151	20.89	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	37737	18.60	ug/l	89
94) 1,2,4-Trichlorobenzene	15.05	180	119353	19.63	ug/l	97
95) Hexachlorobutadiene	15.16	225	60800	18.99	ug/l	98
96) Naphthalene	15.29	128	333931	18.73	ug/l	99
97) 1,2,3-Trichlorobenzene	15.47	180	118655	19.63	ug/l	95

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

