

Data Path : W:\HPCHEM1\MSVOA N\DATA\VN091715\
 Data File : VN027243.D
 Acq On : 17 Sep 2015 9:31
 Operator : MD\FY
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 9/18/2015 12:17:32 PM

Quant Time: Sep 18 01:18:24 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	589946	50.00	ug/l	0.00
35) 1,4-Difluorobenzene	8.68	114	1081383	50.00	ug/l	0.00
64) Chlorobenzene-d5	11.52	117	926717	50.00	ug/l	0.00
73) 1,4-Dichlorobenzene-d4	13.47	152	357832	50.00	ug/l	0.00

System Monitoring Compounds

34) 1,2-Dichloroethane-d4	8.12	65	563436	46.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.22%	
36) Dibromofluoromethane	7.68	113	363221	48.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.92%	
51) Toluene-d8	10.19	98	1444934	49.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.46%	
63) 4-Bromofluorobenzene	12.52	95	516418	49.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.14%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.80	85	335485	47.52	ug/l	100
3) Chlorodifluoromethane	1.81	51	412434	50.49	ug/l	94
4) Chloromethane	2.01	50	365563	46.32	ug/l	99
5) Vinyl Chloride	2.14	62	395822	47.48	ug/l	97
6) Bromomethane	2.54	94	146289	36.20	ug/l	99
7) Chloroethane	2.68	64	259865	45.85	ug/l	100
8) Trichlorofluoromethane	3.02	101	612382	48.63	ug/l	99
9) Diethyl Ether	3.42	74	267021	46.08	ug/l	85
10) 1,1,2-Trichlorotrifluoroet	3.79	101	395742	50.03	ug/l	97
11) Methyl Iodide	3.99	142	284609	37.02	ug/l	93
12) Tert butyl alcohol	4.80	59	254244	215.10	ug/l	99
13) 1,1-Dichloroethene	3.77	96	365752	48.29	ug/l	97
14) Acrolein	3.61	56	388399	279.72	ug/l	96
15) Allyl chloride	4.37	41	713900	46.66	ug/l #	83
16) Acrylonitrile	5.02	53	921836	238.49	ug/l	98
17) Acetone	3.82	43	987842	303.11	ug/l	96
18) Carbon Disulfide	4.11	76	1118846	45.36	ug/l	99
19) Methyl Acetate	4.36	43	1116070	47.28	ug/l	96
20) Methyl tert-butyl Ether	5.11	73	1409879	46.36	ug/l	97
21) Methylene Chloride	4.60	84	442197	48.71	ug/l	98
22) trans-1,2-Dichloroethene	5.12	96	390229	47.63	ug/l	97
23) Diisopropyl ether	6.03	45	1521568	47.40	ug/l #	89
24) Vinyl Acetate	5.97	43	2590557	243.83	ug/l	98
25) 1,1-Dichloroethane	5.93	63	873274	46.83	ug/l	99
26) 2-Butanone	6.91	43	1237312	252.12	ug/l	97
27) 2,2-Dichloropropane	6.92	77	785556	48.55	ug/l	95
28) cis-1,2-Dichloroethene	6.92	96	459636	48.91	ug/l	95
29) Bromochloromethane	7.29	49	329769	45.56	ug/l	96
30) Tetrahydrofuran	7.31	42	727619	215.13	ug/l	91
31) Chloroform	7.46	83	830201	49.27	ug/l	99
32) Cyclohexane	7.77	56	841767	50.72	ug/l	94
33) 1,1,1-Trichloroethane	7.67	97	726615	48.37	ug/l	96
37) 1,1-Dichloropropene	7.89	75	638149	50.41	ug/l	98
38) Ethyl Acetate	7.01	43	526170	48.87	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Carbon Tetrachloride	7.88	117	590231	49.60	ug/l	98
40) Methylcyclohexane	9.19	83	792209	51.39	ug/l	97
41) Benzene	8.14	78	1832515	49.62	ug/l	100
42) Methacrylonitrile	7.24	41	291714	47.67	ug/l #	91
43) 1,2-Dichloroethane	8.22	62	717889	48.25	ug/l	96
44) Isopropyl Acetate	8.25	43	957618	47.34	ug/l	98
45) Trichloroethene	8.93	130	375108	50.56	ug/l	89
46) 1,2-Dichloropropane	9.21	63	509697	47.97	ug/l	99
47) Dibromomethane	9.31	93	300299	48.13	ug/l	94
48) Bromodichloromethane	9.49	83	639032	48.60	ug/l	99
49) Methyl methacrylate	9.29	41	469289	46.56	ug/l #	87
50) 1,4-Dioxane	9.30	88	110979	938.89	ug/l	97
52) 4-Methyl-2-Pentanone	10.07	43	2456473	229.68	ug/l	99
53) Toluene	10.26	92	1080438	49.94	ug/l	99
54) t-1,3-Dichloropropene	10.47	75	712381	48.25	ug/l	98
55) cis-1,3-Dichloropropene	9.93	75	771323	48.02	ug/l	92
56) 1,1,2-Trichloroethane	10.66	97	398860	49.06	ug/l	98
57) Ethyl methacrylate	10.52	69	655646	47.85	ug/l #	90
58) 1,3-Dichloropropane	10.81	76	742574	49.20	ug/l	99
59) 2-Chloroethyl Vinyl ether	9.78	63	1676028	266.41	ug/l	98
60) 2-Hexanone	10.84	43	1743609	239.45	ug/l	100
61) Dibromochloromethane	11.00	129	398252	47.96	ug/l	99
62) 1,2-Dibromoethane	11.11	107	389471	48.75	ug/l	99
65) Tetrachloroethene	10.74	164	298436	50.36	ug/l	96
66) Chlorobenzene	11.54	112	1078289	49.29	ug/l	100
67) 1,1,1,2-Tetrachloroethane	11.62	131	362344	48.55	ug/l	99
68) Ethyl Benzene	11.62	91	2078868	50.11	ug/l	99
69) m/p-Xylenes	11.73	106	1447951	101.16	ug/l	91
70) o-Xylene	12.06	106	715747	49.88	ug/l	93
71) Styrene	12.07	104	1185811	51.19	ug/l	96
72) Bromoform	12.24	173	243794	46.98	ug/l #	100
74) Isopropylbenzene	12.36	105	1931849	48.99	ug/l	99
75) N-amyl acetate	12.17	43	801169	45.53	ug/l	99
76) 1,1,2,2-Tetrachloroethane	12.61	83	517195	50.87	ug/l	100
77) 1,2,3-Trichloropropane	12.66	75	454369m	42.01	ug/l	
78) Bromobenzene	12.64	156	373733	48.33	ug/l	94
79) n-propylbenzene	12.71	91	2349112	50.64	ug/l	98
80) 2-Chlorotoluene	12.79	91	1382641	49.63	ug/l	95
81) 1,3,5-Trimethylbenzene	12.85	105	1580103	49.88	ug/l	95
82) trans-1,4-Dichloro-2-buten	12.40	75	193929	44.05	ug/l	92
83) 4-Chlorotoluene	12.89	91	1395998	51.00	ug/l	96
84) tert-Butylbenzene	13.11	119	1267249	48.49	ug/l	90
85) 1,2,4-Trimethylbenzene	13.16	105	1570046	49.35	ug/l	95
86) sec-Butylbenzene	13.29	105	1923204	50.23	ug/l	99
87) p-Isopropyltoluene	13.41	119	1486664	50.41	ug/l	95
88) 1,3-Dichlorobenzene	13.41	146	670807	50.70	ug/l	96
89) 1,4-Dichlorobenzene	13.49	146	664365	49.57	ug/l	95
90) n-Butylbenzene	13.74	91	1528012	53.39	ug/l	99
91) Hexachloroethane	14.01	117	301808	46.76	ug/l	92
92) 1,2-Dichlorobenzene	13.78	146	652357	49.89	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	102448	45.36	ug/l	89
94) 1,2,4-Trichlorobenzene	15.05	180	373309	52.85	ug/l	98
95) Hexachlorobutadiene	15.16	225	193954	52.13	ug/l	99
96) Naphthalene	15.29	128	1023679	49.43	ug/l	100
97) 1,2,3-Trichlorobenzene	15.47	180	362050	51.56	ug/l	98

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

