

Data Path : W:\HPCHEM1\MSVOA N\DATA\VN092115\
 Data File : VN027336.D
 Acq On : 21 Sep 2015 17:46
 Operator : MD\FY
 Sample : G3640-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FIELDBLANK

Manual Integrations
 APPROVED

MMDadoda
 9/23/2015 12:25:30 PM

Quant Time: Sep 22 02:31:24 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	406814	50.00	ug/l	0.00
35) 1,4-Difluorobenzene	8.68	114	777800	50.00	ug/l	0.00
64) Chlorobenzene-d5	11.52	117	661953	50.00	ug/l	0.00
73) 1,4-Dichlorobenzene-d4	13.47	152	253614	50.00	ug/l	0.00

System Monitoring Compounds

34) 1,2-Dichloroethane-d4	8.12	65	339306	42.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.22%	
36) Dibromofluoromethane	7.68	113	209804	41.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	82.68%	
51) Toluene-d8	10.19	98	807047	41.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	82.26%	
63) 4-Bromofluorobenzene	12.52	95	285060	39.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	79.98%	

Target Compounds

						Qvalue
4) Chloromethane	2.00	50	9991	2.07	ug/l	93
6) Bromomethane	2.54	94	197200	89.73	ug/l	95
7) Chloroethane	2.69	64	295869	86.23	ug/l	99
8) Trichlorofluoromethane	3.02	101	1127814	143.91	ug/l	97
11) Methyl Iodide	3.99	142	2623	3.03	ug/l	# 94
13) 1,1-Dichloroethene	3.77	96	711065	153.07	ug/l	93
17) Acetone	3.83	43	280429	129.43	ug/l	97
21) Methylene Chloride	4.60	84	544995	94.48	ug/l	97
22) trans-1,2-Dichloroethene	5.12	96	804166	157.44	ug/l	98
26) 2-Butanone	6.91	43	781642	275.49	ug/l	98
28) cis-1,2-Dichloroethene	6.92	96	6165	1.02	ug/l	58
31) Chloroform	7.46	83	509527	47.24	ug/l	100
33) 1,1,1-Trichloroethane	7.67	97	218288	22.84	ug/l	97
39) Carbon Tetrachloride	7.88	117	617255	78.25	ug/l	98
41) Benzene	8.14	78	889479	36.56	ug/l	99
43) 1,2-Dichloroethane	8.22	62	1614817	162.81	ug/l	95
45) Trichloroethene	8.93	130	565331	115.99	ug/l	90
46) 1,2-Dichloropropane	9.22	63	757708	111.27	ug/l	100
47) Dibromomethane	9.31	93	185844	45.47	ug/l	91
48) Bromodichloromethane	9.49	83	511070	58.96	ug/l	98
52) 4-Methyl-2-Pentanone	10.07	43	214253	33.67	ug/l	98
54) t-1,3-Dichloropropene	10.47	75	369921	39.98	ug/l	99
55) cis-1,3-Dichloropropene	9.93	75	590535	58.10	ug/l	93
56) 1,1,2-Trichloroethane	10.66	97	263780	49.15	ug/l	96
60) 2-Hexanone	10.84	43	666669	154.16	ug/l	99
61) Dibromochloromethane	11.00	129	4224m	0.80	ug/l	
62) 1,2-Dibromoethane	11.11	107	263095	51.55	ug/l	99
65) Tetrachloroethene	10.74	164	386788	98.17	ug/l	95
66) Chlorobenzene	11.54	112	564882	39.80	ug/l	99
67) 1,1,1,2-Tetrachloroethane	11.62	131	127081	26.68	ug/l	98
68) Ethyl Benzene	11.62	91	1497317	55.93	ug/l	99
69) m/p-Xylenes	11.73	106	1729516	186.35	ug/l	91
71) Styrene	12.08	104	1378963	92.36	ug/l	93
72) Bromoform	12.24	173	140977	44.12	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
76) 1,1,2,2-Tetrachloroethane	12.61	83	1109700	155.16	ug/l	99
77) 1,2,3-Trichloropropane	12.66	75	206898	32.49	ug/l #	1
85) 1,2,4-Trimethylbenzene	13.16	105	2172811	106.38	ug/l	95
89) 1,4-Dichlorobenzene	13.49	146	291979	33.63	ug/l	95
91) Hexachloroethane	14.01	117	7056	1.78	ug/l	90
92) 1,2-Dichlorobenzene	13.78	146	355826	41.52	ug/l	97
93) 1,2-Dibromo-3-Chloropropan	14.40	75	165229	117.88	ug/l	85
94) 1,2,4-Trichlorobenzene	15.06	180	680806	153.71	ug/l	98
95) Hexachlorobutadiene	15.16	225	499696	205.91	ug/l	98
96) Naphthalene	15.29	128	1331604	94.47	ug/l	99
97) 1,2,3-Trichlorobenzene	15.47	180	2263	0.51	ug/l	88

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

