

Data Path : W:\HPCHEM1\MSVOA N\DATA\VN092115\
 Data File : VN027344.D
 Acq On : 21 Sep 2015 21:54
 Operator : MD\FY
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 9/22/2015 2:28:54 PM

Quant Time: Sep 22 03:47:13 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	541844	50.00	ug/l	0.00
35) 1,4-Difluorobenzene	8.68	114	1030035	50.00	ug/l	0.00
64) Chlorobenzene-d5	11.52	117	876624	50.00	ug/l	0.00
73) 1,4-Dichlorobenzene-d4	13.47	152	342804	50.00	ug/l	0.00

System Monitoring Compounds

34) 1,2-Dichloroethane-d4	8.12	65	537456	50.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.34%	
36) Dibromofluoromethane	7.68	113	339578	50.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.06%	
51) Toluene-d8	10.19	98	1293434	49.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.56%	
63) 4-Bromofluorobenzene	12.52	95	471575	49.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.92%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.80	85	269746	47.96	ug/l	99
3) Chlorodifluoromethane	1.82	51	356496	50.06	ug/l	93
4) Chloromethane	2.01	50	304009	47.18	ug/l	97
5) Vinyl Chloride	2.14	62	355116	49.41	ug/l	97
6) Bromomethane	2.54	94	142346	48.63	ug/l	99
7) Chloroethane	2.68	64	225973	49.45	ug/l	99
8) Trichlorofluoromethane	3.02	101	525402	50.34	ug/l	100
9) Diethyl Ether	3.42	74	235253	50.71	ug/l	87
10) 1,1,2-Trichlorotrifluoroet	3.79	101	328306	49.60	ug/l	95
11) Methyl Iodide	3.99	142	274411	53.26	ug/l	90
12) Tert butyl alcohol	4.80	59	219771	259.72	ug/l	96
13) 1,1-Dichloroethene	3.77	96	313232	50.63	ug/l	94
14) Acrolein	3.62	56	274453	250.18	ug/l	98
15) Allyl chloride	4.37	41	595465	49.34	ug/l #	81
16) Acrylonitrile	5.03	53	825312	268.61	ug/l	99
17) Acetone	3.82	43	669626	232.05	ug/l	98
18) Carbon Disulfide	4.11	76	879695	47.48	ug/l	99
19) Methyl Acetate	4.36	43	990205	55.32	ug/l	95
20) Methyl tert-butyl Ether	5.11	73	1256097	50.85	ug/l	98
21) Methylene Chloride	4.60	84	387244	50.40	ug/l	96
22) trans-1,2-Dichloroethene	5.12	96	338650	49.78	ug/l	96
23) Diisopropyl ether	6.03	45	1323563	50.43	ug/l #	89
24) Vinyl Acetate	5.97	43	2236391	253.73	ug/l	98
25) 1,1-Dichloroethane	5.93	63	767139	50.16	ug/l	99
26) 2-Butanone	6.91	43	1001543	265.03	ug/l	97
27) 2,2-Dichloropropane	6.92	77	646482	49.06	ug/l	94
28) cis-1,2-Dichloroethene	6.92	96	408330	50.80	ug/l	97
29) Bromochloromethane	7.29	49	298305	49.71	ug/l	95
30) Tetrahydrofuran	7.31	42	633076	264.28	ug/l #	88
31) Chloroform	7.46	83	739516	51.48	ug/l	99
32) Cyclohexane	7.77	56	690041	50.72	ug/l	91
33) 1,1,1-Trichloroethane	7.67	97	642242	50.46	ug/l	96
37) 1,1-Dichloropropene	7.89	75	549952	49.54	ug/l	97
38) Ethyl Acetate	7.02	43	455814	53.18	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Carbon Tetrachloride	7.88	117	506875	48.52	ug/l	99
40) Methylcyclohexane	9.19	83	641600	48.66	ug/l	97
41) Benzene	8.14	78	1591340	49.39	ug/l	99
42) Methacrylonitrile	7.24	41	254929	50.38	ug/l #	88
43) 1,2-Dichloroethane	8.22	62	647188	49.27	ug/l	95
44) Isopropyl Acetate	8.25	43	833154	50.85	ug/l	97
45) Trichloroethene	8.93	130	319627	49.52	ug/l	91
46) 1,2-Dichloropropane	9.22	63	449005	49.79	ug/l	99
47) Dibromomethane	9.31	93	274707	50.76	ug/l	91
48) Bromodichloromethane	9.50	83	571818	49.82	ug/l	98
49) Methyl methacrylate	9.29	41	405084	52.54	ug/l #	86
50) 1,4-Dioxane	9.30	88	96316	1034.91	ug/l	94
52) 4-Methyl-2-Pentanone	10.07	43	2166725	257.12	ug/l	98
53) Toluene	10.26	92	946438	49.66	ug/l	98
54) t-1,3-Dichloropropene	10.47	75	613916	50.10	ug/l	97
55) cis-1,3-Dichloropropene	9.93	75	665755	49.46	ug/l	92
56) 1,1,2-Trichloroethane	10.66	97	365021	51.36	ug/l	98
57) Ethyl methacrylate	10.52	69	580606	51.47	ug/l #	89
58) 1,3-Dichloropropane	10.81	76	661516	50.50	ug/l	99
59) 2-Chloroethyl Vinyl ether	9.78	63	1336448	267.34	ug/l	98
60) 2-Hexanone	10.84	43	1471844	257.00	ug/l	100
61) Dibromochloromethane	11.00	129	349045	50.14	ug/l	100
62) 1,2-Dibromoethane	11.11	107	343020	50.75	ug/l	99
65) Tetrachloroethene	10.74	164	256491	49.16	ug/l	97
66) Chlorobenzene	11.54	112	937029	49.86	ug/l	99
67) 1,1,1,2-Tetrachloroethane	11.62	131	317172	50.29	ug/l	99
68) Ethyl Benzene	11.62	91	1786319	50.39	ug/l	100
69) m/p-Xylenes	11.73	106	1246879	101.45	ug/l	90
70) o-Xylene	12.06	106	622992	50.16	ug/l	90
71) Styrene	12.08	104	1020223	51.60	ug/l	94
72) Bromoform	12.24	173	210924	49.85	ug/l #	99
74) Isopropylbenzene	12.36	105	1697647	49.43	ug/l	98
75) N-amyl acetate	12.17	43	717774	52.68	ug/l	99
76) 1,1,2,2-Tetrachloroethane	12.61	83	470835	48.71	ug/l	98
77) 1,2,3-Trichloropropane	12.66	75	447714m	52.02	ug/l	
78) Bromobenzene	12.64	156	329891	49.09	ug/l	93
79) n-propylbenzene	12.71	91	2024921	49.44	ug/l	98
80) 2-Chlorotoluene	12.79	91	1205343	48.14	ug/l	95
81) 1,3,5-Trimethylbenzene	12.85	105	1355353	48.82	ug/l	95
82) trans-1,4-Dichloro-2-buten	12.40	75	155848	46.43	ug/l	93
83) 4-Chlorotoluene	12.89	91	1205443	49.33	ug/l	95
84) tert-Butylbenzene	13.11	119	1114010	49.77	ug/l	89
85) 1,2,4-Trimethylbenzene	13.16	105	1380166	49.99	ug/l	94
86) sec-Butylbenzene	13.29	105	1668475	50.04	ug/l	98
87) p-Isopropyltoluene	13.41	119	1257134	50.29	ug/l	94
88) 1,3-Dichlorobenzene	13.41	146	585053	50.46	ug/l	96
89) 1,4-Dichlorobenzene	13.49	146	571776	48.73	ug/l	95
90) n-Butylbenzene	13.74	91	1275671	51.10	ug/l	98
91) Hexachloroethane	14.01	117	256156	47.92	ug/l	93
92) 1,2-Dichlorobenzene	13.78	146	580611	50.12	ug/l	96

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2-Dibromo-3-Chloropropan	14.40	75	95865	50.60	ug/l	83
94) 1,2,4-Trichlorobenzene	15.05	180	318802	53.25	ug/l	98
95) Hexachlorobutadiene	15.16	225	156701	47.77	ug/l	98
96) Naphthalene	15.29	128	875173	47.89	ug/l	100
97) 1,2,3-Trichlorobenzene	15.47	180	314445	52.72	ug/l	96

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

