

Data Path : W:\HPCHEM1\MSVOA N\DATA\VN092115\
 Data File : VN027329.D
 Acq On : 21 Sep 2015 12:16
 Operator : MD\FY
 Sample : VSTDICC100
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

MMDadoda
 9/22/2015 2:27:58 PM

Quant Time: Sep 21 12:53:57 2015
 Quant Method : W:\HPCHEM1\MSVOA_N\METHODS\82N092115W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 21 12:16:44 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.75	168	569713	50.00	ug/l	0.00
35) 1,4-Difluorobenzene	8.68	114	1065062	50.00	ug/l	0.00
64) Chlorobenzene-d5	11.52	117	916702	50.00	ug/l	0.00
73) 1,4-Dichlorobenzene-d4	13.47	152	362316	50.00	ug/l	0.00

System Monitoring Compounds

34) 1,2-Dichloroethane-d4	8.12	65	1103899	94.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	189.14%	
36) Dibromofluoromethane	7.68	113	693467	93.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	187.86%	
51) Toluene-d8	10.19	98	2644621	91.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	182.98%	
63) 4-Bromofluorobenzene	12.52	95	972790	94.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	189.62%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.80	85	577761	84.75	ug/l	100
3) Chlorodifluoromethane	1.82	51	751056	95.21	ug/l	93
4) Chloromethane	2.01	50	642961	78.33	ug/l	100
5) Vinyl Chloride	2.14	62	732748	91.01	ug/l	98
6) Bromomethane	2.53	94	321655	78.46	ug/l	98
7) Chloroethane	2.68	64	463777	84.74	ug/l	100
8) Trichlorofluoromethane	3.02	101	1081431	88.92	ug/l	97
9) Diethyl Ether	3.42	74	487683	87.15	ug/l	86
10) 1,1,2-Trichlorotrifluoroet	3.79	101	669004	87.58	ug/l	96
11) Methyl Iodide	3.99	142	572021	77.05	ug/l	93
12) Tert butyl alcohol	4.80	59	449170	393.51	ug/l	98
13) 1,1-Dichloroethene	3.76	96	646272	88.35	ug/l	95
14) Acrolein	3.61	56	642299	479.00	ug/l	97
15) Allyl chloride	4.37	41	1269293	85.91	ug/l	# 82
16) Acrylonitrile	5.02	53	1716520	459.86	ug/l	98
17) Acetone	3.82	43	1487595	472.67	ug/l	95
18) Carbon Disulfide	4.11	76	1897877	79.67	ug/l	100
19) Methyl Acetate	4.36	43	2064606	90.57	ug/l	95
20) Methyl tert-butyl Ether	5.11	73	2592562	88.28	ug/l	97
21) Methylene Chloride	4.60	84	772330	88.09	ug/l	99
22) trans-1,2-Dichloroethene	5.12	96	700094	88.48	ug/l	96
23) Diisopropyl ether	6.03	45	2762215	89.11	ug/l	92
24) Vinyl Acetate	5.97	43	4811335	468.93	ug/l	98
25) 1,1-Dichloroethane	5.93	63	1586077	88.07	ug/l	99
26) 2-Butanone	6.91	43	2124069	448.18	ug/l	98
27) 2,2-Dichloropropane	6.92	77	1401248	89.68	ug/l	93
28) cis-1,2-Dichloroethene	6.92	96	827752	91.22	ug/l	93
29) Bromochloromethane	7.29	49	598976	85.69	ug/l	98
30) Tetrahydrofuran	7.31	42	1331158	407.55	ug/l	91
31) Chloroform	7.46	83	1505237	92.51	ug/l	98
32) Cyclohexane	7.77	56	1432036	71.61	ug/l	94
33) 1,1,1-Trichloroethane	7.67	97	1322731	91.17	ug/l	97
37) 1,1-Dichloropropene	7.89	75	1143520	91.72	ug/l	97
38) Ethyl Acetate	7.01	43	943776	82.37	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Carbon Tetrachloride	7.88	117	1060547	90.48	ug/l	100
40) Methylcyclohexane	9.19	83	1333200	87.81	ug/l	97
41) Benzene	8.14	78	3268029	89.84	ug/l	99
42) Methacrylonitrile	7.24	41	559902	92.90	ug/l #	93
43) 1,2-Dichloroethane	8.22	62	1339485	91.40	ug/l	95
44) Isopropyl Acetate	8.25	43	1762524	88.46	ug/l	97
45) Trichloroethene	8.93	130	653455	89.43	ug/l	90
46) 1,2-Dichloropropane	9.21	63	921754	88.07	ug/l	99
47) Dibromomethane	9.30	93	552496	89.91	ug/l	93
48) Bromodichloromethane	9.49	83	1199072	92.59	ug/l	100
49) Methyl methacrylate	9.29	41	858399	86.48	ug/l #	88
50) 1,4-Dioxane	9.29	88	189420	1627.07	ug/l	95
52) 4-Methyl-2-Pentanone	10.07	43	4411772	418.82	ug/l	99
53) Toluene	10.26	92	1924055	90.30	ug/l	98
54) t-1,3-Dichloropropene	10.47	75	1316633	90.54	ug/l	99
55) cis-1,3-Dichloropropene	9.93	75	1422846	89.94	ug/l	92
56) 1,1,2-Trichloroethane	10.66	97	731914	91.40	ug/l	98
57) Ethyl methacrylate	10.52	69	1187662	88.01	ug/l #	90
58) 1,3-Dichloropropane	10.80	76	1339728	90.12	ug/l	98
59) 2-Chloroethyl Vinyl ether	9.78	63	2653259	428.21	ug/l	98
60) 2-Hexanone	10.84	43	3000641	418.39	ug/l	99
61) Dibromochloromethane	11.00	129	740039	90.49	ug/l	99
62) 1,2-Dibromoethane	11.11	107	710714	90.31	ug/l	98
65) Tetrachloroethene	10.74	164	506120	86.34	ug/l	95
66) Chlorobenzene	11.54	112	1909235	88.22	ug/l	100
67) 1,1,1,2-Tetrachloroethane	11.62	131	646744	87.61	ug/l	98
68) Ethyl Benzene	11.62	91	3679551	89.66	ug/l	99
69) m/p-Xylenes	11.73	106	2558921	180.73	ug/l	89
70) o-Xylene	12.06	106	1260757	88.82	ug/l	88
71) Styrene	12.07	104	2126632	92.81	ug/l	95
72) Bromoform	12.24	173	449095	87.48	ug/l #	100
74) Isopropylbenzene	12.36	105	3460124	86.66	ug/l	98
75) N-amyl acetate	12.17	43	1474947	82.77	ug/l	99
76) 1,1,2,2-Tetrachloroethane	12.61	83	937992	79.11	ug/l	99
77) 1,2,3-Trichloropropane	12.66	75	814092m	74.35	ug/l	
78) Bromobenzene	12.64	156	668062	85.33	ug/l	92
79) n-propylbenzene	12.71	91	4206528	89.55	ug/l	97
80) 2-Chlorotoluene	12.79	91	2485391	88.12	ug/l	94
81) 1,3,5-Trimethylbenzene	12.85	105	2816784	87.81	ug/l	94
82) trans-1,4-Dichloro-2-buten	12.40	75	350509	78.63	ug/l	92
83) 4-Chlorotoluene	12.89	91	2504634	90.38	ug/l	95
84) tert-Butylbenzene	13.11	119	2218908	83.85	ug/l	88
85) 1,2,4-Trimethylbenzene	13.16	105	2833148	87.94	ug/l	94
86) sec-Butylbenzene	13.29	105	3433560	88.56	ug/l	99
87) p-Isopropyltoluene	13.41	119	2631551	88.13	ug/l	94
88) 1,3-Dichlorobenzene	13.41	146	1197491	89.38	ug/l	95
89) 1,4-Dichlorobenzene	13.49	146	1189311	87.65	ug/l	95
90) n-Butylbenzene	13.74	91	2728331	94.15	ug/l	99
91) Hexachloroethane	14.01	117	545577	83.49	ug/l	93
92) 1,2-Dichlorobenzene	13.78	146	1173825	88.66	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2-Dibromo-3-Chloropropan	14.40	75	201624	77.71	ug/l	85
94) 1,2,4-Trichlorobenzene	15.06	180	695620	97.26	ug/l	98
95) Hexachlorobutadiene	15.16	225	325776	86.48	ug/l	98
96) Naphthalene	15.29	128	1971629	94.03	ug/l	100
97) 1,2,3-Trichlorobenzene	15.47	180	685728	96.45	ug/l	97

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

