

Data Path : W:\HPCHEM1\MSVOA N\DATA\VN092115\
 Data File : VN027325.D
 Acq On : 21 Sep 2015 10:13
 Operator : MD\FY
 Sample : VSTDIC001
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

MMDadoda
 9/22/2015 2:27:40 PM

Quant Time: Sep 21 13:08:08 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	590691	50.00	ug/l	0.00
35) 1,4-Difluorobenzene	8.68	114	1069359	50.00	ug/l	0.00
64) Chlorobenzene-d5	11.52	117	873983	50.00	ug/l	0.00
73) 1,4-Dichlorobenzene-d4	13.47	152	296159	50.00	ug/l	0.00

System Monitoring Compounds

34) 1,2-Dichloroethane-d4	8.12	65	12596	1.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	2.08%	
36) Dibromofluoromethane	7.68	113	7722	1.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	2.08%	
51) Toluene-d8	10.19	98	29521	1.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	2.04%	
63) 4-Bromofluorobenzene	12.52	95	10935	1.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	2.12%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.80	85	6664	0.94	ug/l	97
3) Chlorodifluoromethane	1.82	51	8202	1.00	ug/l #	86
4) Chloromethane	2.01	50	8363	0.98	ug/l	90
5) Vinyl Chloride	2.14	62	8915	1.07	ug/l	98
6) Bromomethane	2.54	94	3434	0.81	ug/l	98
7) Chloroethane	2.69	64	5845	1.03	ug/l	97
8) Trichlorofluoromethane	3.02	101	11937	0.95	ug/l	96
9) Diethyl Ether	3.44	74	5367	0.93	ug/l	89
10) 1,1,2-Trichlorotrifluoroet	3.79	101	7694	0.97	ug/l #	67
11) Methyl Iodide	3.99	142	2153	0.28	ug/l #	89
13) 1,1-Dichloroethene	3.76	96	7113	0.94	ug/l	93
15) Allvl chloride	4.37	41	14725	0.96	ug/l #	80
16) Acrylonitrile	5.06	53	17473m	4.51	ug/l	
17) Acetone	3.85	43	17061	5.23	ug/l	94
18) Carbon Disulfide	4.11	76	21953	0.89	ug/l #	90
19) Methyl Acetate	4.38	43	15877	0.67	ug/l	100
20) Methyl tert-butyl Ether	5.12	73	27961	0.92	ug/l	97
21) Methylene Chloride	4.61	84	9535m	1.05	ug/l	
22) trans-1,2-Dichloroethene	5.12	96	8367	1.02	ug/l #	75
23) Diisopropyl ether	6.04	45	30503	0.95	ug/l #	87
24) Vinyl Acetate	6.00	43	29393m	2.76	ug/l	
25) 1,1-Dichloroethane	5.93	63	18006	0.96	ug/l #	91
26) 2-Butanone	6.94	43	17573	3.58	ug/l	92
27) 2,2-Dichloropropane	6.92	77	13711	0.85	ug/l	90
28) cis-1,2-Dichloroethene	6.92	96	9683	1.03	ug/l	98
29) Bromochloromethane	7.29	49	6965	0.96	ug/l #	97
30) Tetrahydrofuran	7.33	42	13098	3.87	ug/l #	90
31) Chloroform	7.46	83	16154	0.96	ug/l	96
32) Cyclohexane	7.76	56	33074	1.60	ug/l #	39
33) 1,1,1-Trichloroethane	7.67	97	15358	1.02	ug/l #	54
37) 1,1-Dichloropropene	7.90	75	12600	1.01	ug/l	97
38) Ethyl Acetate	7.04	43	8098m	0.70	ug/l	
39) Carbon Tetrachloride	7.87	117	11811	1.00	ug/l	91
40) Methylcyclohexane	9.19	83	13975	0.92	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Benzene	8.14	78	36571	1.00	ug/l	98
42) Methacrylonitrile	7.27	41	5657m	0.93	ug/l	
43) 1,2-Dichloroethane	8.22	62	14741	1.00	ug/l	96
44) Isopropyl Acetate	8.25	43	17498	0.87	ug/l #	92
45) Trichloroethene	8.94	130	7263	0.99	ug/l	95
46) 1,2-Dichloropropane	9.22	63	10123	0.96	ug/l	99
47) Dibromomethane	9.31	93	6235	1.01	ug/l	86
48) Bromodichloromethane	9.49	83	12673	0.97	ug/l #	91
49) Methyl methacrylate	9.30	41	6862	0.69	ug/l #	76
50) 1,4-Dioxane	9.31	88	2109	18.04	ug/l #	73
52) 4-Methyl-2-Pentanone	10.07	43	45157	4.27	ug/l	97
53) Toluene	10.26	92	21136	0.99	ug/l	92
54) t-1,3-Dichloropropene	10.48	75	12517	0.86	ug/l	93
55) cis-1,3-Dichloropropene	9.93	75	13934	0.88	ug/l #	90
56) 1,1,2-Trichloroethane	10.66	97	7908	0.98	ug/l	93
57) Ethyl methacrylate	10.53	69	12281	0.91	ug/l #	88
58) 1,3-Dichloropropane	10.81	76	14548	0.97	ug/l	97
59) 2-Chloroethyl Vinyl ether	9.79	63	23374	3.76	ug/l	94
60) 2-Hexanone	10.84	43	30194	4.19	ug/l	99
61) Dibromochloromethane	11.00	129	6977	0.85	ug/l	99
62) 1,2-Dibromoethane	11.12	107	7147	0.90	ug/l	98
65) Tetrachloroethene	10.74	164	6180	1.11	ug/l	86
66) Chlorobenzene	11.54	112	20149	0.98	ug/l	97
67) 1,1,1,2-Tetrachloroethane	11.61	131	6444	0.92	ug/l #	54
68) Ethyl Benzene	11.62	91	37029	0.95	ug/l	98
69) m/p-Xylenes	11.73	106	25792	1.91	ug/l	91
70) o-Xylene	12.06	106	13528	1.00	ug/l	99
71) Stvrene	12.07	104	19916	0.91	ug/l	93
72) Bromoform	12.24	173	4267	0.87	ug/l #	95
74) Isopropylbenzene	12.36	105	31787	0.97	ug/l	94
75) N-amyl acetate	12.17	43	11435	0.79	ug/l #	91
76) 1,1,2,2-Tetrachloroethane	12.61	83	10302	1.06	ug/l	93
77) 1,2,3-Trichloropropane	12.66	75	8447m	0.94	ug/l	
78) Bromobenzene	12.65	156	6593	1.03	ug/l	87
79) n-propylbenzene	12.71	91	37621	0.98	ug/l	100
80) 2-Chlorotoluene	12.79	91	24537	1.06	ug/l	97
81) 1,3,5-Trimethylbenzene	12.85	105	26054	0.99	ug/l	99
82) trans-1,4-Dichloro-2-buten	12.41	75	2954	0.81	ug/l #	85
83) 4-Chlorotoluene	12.89	91	23046	1.02	ug/l	95
84) tert-Butylbenzene	13.11	119	21152	0.98	ug/l	85
85) 1,2,4-Trimethylbenzene	13.16	105	25037	0.95	ug/l	95
86) sec-Butylbenzene	13.29	105	30415	0.96	ug/l	98
87) p-Isopropyltoluene	13.41	119	21516	0.88	ug/l	90
88) 1,3-Dichlorobenzene	13.41	146	10497	0.96	ug/l	89
89) 1,4-Dichlorobenzene	13.48	146	11734	1.06	ug/l	88
90) n-Butylbenzene	13.74	91	20556	0.87	ug/l	99
91) Hexachloroethane	14.01	117	5128	0.96	ug/l	85
92) 1,2-Dichlorobenzene	13.78	146	10832	1.00	ug/l	93
93) 1,2-Dibromo-3-Chloropropan	14.40	75	1904	0.90	ug/l	73
94) 1,2,4-Trichlorobenzene	15.05	180	4437	0.76	ug/l	92

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
95) Hexachlorobutadiene	15.16	225	3105	1.01	ug/l	87
96) Naphthalene	15.29	128	10199	0.60	ug/l	98
97) 1,2,3-Trichlorobenzene	15.47	180	4662	0.80	ug/l	97

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

