

Data Path : W:\HPCHEM1\MSVOA N\DATA\VN092115\
 Data File : VN027328.D
 Acq On : 21 Sep 2015 11:49
 Operator : MD\FY
 Sample : VSTDICCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 9/22/2015 2:27:54 PM

Quant Time: Sep 21 12:25:28 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	618069	50.00	ug/l	0.00
35) 1,4-Difluorobenzene	8.68	114	1139809	50.00	ug/l	0.00
64) Chlorobenzene-d5	11.52	117	972752	50.00	ug/l	0.00
73) 1,4-Dichlorobenzene-d4	13.47	152	377892	50.00	ug/l	0.00

System Monitoring Compounds

34) 1,2-Dichloroethane-d4	8.12	65	540028	42.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.28%	
36) Dibromofluoromethane	7.68	113	339747	43.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.00%	
51) Toluene-d8	10.19	98	1318092	42.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.22%	
63) 4-Bromofluorobenzene	12.52	95	475561	43.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.62%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.80	85	303460	41.03	ug/l	99
3) Chlorodifluoromethane	1.82	51	412298	48.18	ug/l	93
4) Chloromethane	2.01	50	327247	36.75	ug/l	99
5) Vinyl Chloride	2.14	62	376971	43.16	ug/l	99
6) Bromomethane	2.54	94	150180	33.77	ug/l	99
7) Chloroethane	2.69	64	239180	40.28	ug/l	97
8) Trichlorofluoromethane	3.02	101	573812	43.49	ug/l	99
9) Diethyl Ether	3.42	74	250218	41.21	ug/l	85
10) 1,1,2-Trichlorotrifluoroet	3.79	101	368786	44.50	ug/l	95
11) Methyl Iodide	3.99	142	282096	35.02	ug/l	92
12) Tert butyl alcohol	4.80	59	217314	175.49	ug/l	97
13) 1,1-Dichloroethene	3.77	96	337323	42.51	ug/l	95
14) Acrolein	3.62	56	305790	210.20	ug/l	97
15) Allyl chloride	4.37	41	642660	40.09	ug/l #	81
16) Acrylonitrile	5.02	53	817239	201.81	ug/l	99
17) Acetone	3.82	43	754055	220.85	ug/l	98
18) Carbon Disulfide	4.11	76	986967	38.19	ug/l	98
19) Methyl Acetate	4.36	43	980249	39.64	ug/l	95
20) Methyl tert-butyl Ether	5.11	73	1316603	41.33	ug/l	97
21) Methylene Chloride	4.60	84	401080	42.17	ug/l	98
22) trans-1,2-Dichloroethene	5.12	96	367109	42.77	ug/l	99
23) Diisopropyl ether	6.03	45	1398899	41.60	ug/l #	89
24) Vinyl Acetate	5.97	43	2322229m	208.63	ug/l	
25) 1,1-Dichloroethane	5.93	63	816351	41.78	ug/l	99
26) 2-Butanone	6.91	43	1036473	201.59	ug/l	97
27) 2,2-Dichloropropane	6.92	77	732347	43.21	ug/l	95
28) cis-1,2-Dichloroethene	6.92	96	429528	43.63	ug/l	95
29) Bromochloromethane	7.29	49	326044	43.00	ug/l	96
30) Tetrahydrofuran	7.31	42	629712	177.71	ug/l	89
31) Chloroform	7.45	83	781369	44.26	ug/l	99
32) Cyclohexane	7.77	56	758643	34.97	ug/l	91
33) 1,1,1-Trichloroethane	7.67	97	680826	43.26	ug/l	96
37) 1,1-Dichloropropene	7.89	75	590504	44.26	ug/l	98
38) Ethyl Acetate	7.02	43	458226	37.37	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Carbon Tetrachloride	7.88	117	549853	43.83	ug/l	99
40) Methylcyclohexane	9.19	83	714686	43.99	ug/l	96
41) Benzene	8.14	78	1695112	43.54	ug/l	98
42) Methacrylonitrile	7.24	41	262351	40.68	ug/l #	90
43) 1,2-Dichloroethane	8.22	62	684833	43.67	ug/l	95
44) Isopropyl Acetate	8.25	43	842437	39.51	ug/l	96
45) Trichloroethene	8.93	130	349541	44.70	ug/l	90
46) 1,2-Dichloropropane	9.22	63	472161	42.16	ug/l	99
47) Dibromomethane	9.31	93	286525	43.57	ug/l	91
48) Bromodichloromethane	9.49	83	614565	44.34	ug/l	99
49) Methyl methacrylate	9.29	41	412444	38.83	ug/l #	87
50) 1,4-Dioxane	9.30	88	92325	741.04	ug/l	97
52) 4-Methyl-2-Pentanone	10.07	43	2160132	191.62	ug/l	98
53) Toluene	10.26	92	1006461	44.14	ug/l	98
54) t-1,3-Dichloropropene	10.47	75	662553	42.57	ug/l	98
55) cis-1,3-Dichloropropene	9.93	75	731264	43.19	ug/l	94
56) 1,1,2-Trichloroethane	10.66	97	377907	44.10	ug/l	100
57) Ethyl methacrylate	10.52	69	590634	40.90	ug/l #	90
58) 1,3-Dichloropropane	10.81	76	685359	43.08	ug/l	99
59) 2-Chloroethyl Vinyl ether	9.78	63	1436514	216.63	ug/l	98
60) 2-Hexanone	10.84	43	1477832	192.55	ug/l	100
61) Dibromochloromethane	11.00	129	374267	42.76	ug/l	98
62) 1,2-Dibromoethane	11.11	107	358292	42.54	ug/l	99
65) Tetrachloroethene	10.74	164	275777	44.33	ug/l	95
66) Chlorobenzene	11.54	112	995901	43.37	ug/l	100
67) 1,1,1,2-Tetrachloroethane	11.62	131	340385	43.45	ug/l	97
68) Ethyl Benzene	11.62	91	1912523	43.92	ug/l	99
69) m/p-Xylenes	11.73	106	1323469	88.09	ug/l	90
70) o-Xylene	12.06	106	654157	43.43	ug/l	90
71) Styrene	12.07	104	1076516	44.27	ug/l	94
72) Bromoform	12.24	173	225540	41.40	ug/l #	99
74) Isopropylbenzene	12.36	105	1799110	43.20	ug/l	97
75) N-amyl acetate	12.17	43	727846	39.16	ug/l	99
76) 1,1,2,2-Tetrachloroethane	12.61	83	475921	38.48	ug/l	98
77) 1,2,3-Trichloropropane	12.66	75	447838m	39.21	ug/l	
78) Bromobenzene	12.64	156	342098	41.89	ug/l	92
79) n-propylbenzene	12.71	91	2186729	44.63	ug/l	97
80) 2-Chlorotoluene	12.79	91	1279435	43.49	ug/l	95
81) 1,3,5-Trimethylbenzene	12.85	105	1450499	43.36	ug/l	95
82) trans-1,4-Dichloro-2-buten	12.40	75	174643	37.56	ug/l	92
83) 4-Chlorotoluene	12.89	91	1307045	45.22	ug/l	94
84) tert-Butylbenzene	13.11	119	1152090	41.74	ug/l	88
85) 1,2,4-Trimethylbenzene	13.16	105	1467911	43.69	ug/l	94
86) sec-Butylbenzene	13.29	105	1786208	44.17	ug/l	99
87) p-Isopropyltoluene	13.41	119	1359768	43.66	ug/l	94
88) 1,3-Dichlorobenzene	13.41	146	616405	44.11	ug/l	96
89) 1,4-Dichlorobenzene	13.49	146	613585	43.36	ug/l	95
90) n-Butylbenzene	13.74	91	1405052	46.49	ug/l	98
91) Hexachloroethane	14.01	117	281500	41.30	ug/l	92
92) 1,2-Dichlorobenzene	13.78	146	608156	44.04	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	93366	34.50	ug/l	88
94) 1,2,4-Trichlorobenzene	15.05	180	343815	46.09	ug/l	98
95) Hexachlorobutadiene	15.16	225	176856	45.02	ug/l	99
96) Naphthalene	15.29	128	884686	40.45	ug/l	100
97) 1,2,3-Trichlorobenzene	15.47	180	332170	44.79	ug/l	97

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

