

Data Path : W:\HPCHEM1\MSVOA N\DATA\VN091715\
 Data File : VN027250.D
 Acq On : 17 Sep 2015 12:54
 Operator : MD\FY
 Sample : G3707-06 2.0PPB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 LOQ-WATER2015-02

Manual Integrations
 APPROVED

MMDadoda
 9/18/2015 12:22:44 PM

Quant Time: Sep 18 02:16:57 2015
 Quant Method : W:\HPCHEM1\MSVOA_N\METHODS\82N091515W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 15 21:12:09 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.75	168	517609	50.00	ug/l	0.00
35) 1,4-Difluorobenzene	8.68	114	983634	50.00	ug/l	0.00
64) Chlorobenzene-d5	11.52	117	821758	50.00	ug/l	0.00
73) 1,4-Dichlorobenzene-d4	13.47	152	278969	50.00	ug/l	0.00

System Monitoring Compounds

34) 1,2-Dichloroethane-d4	8.12	65	514715	48.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.06%	
36) Dibromofluoromethane	7.68	113	324476	47.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.18%	
51) Toluene-d8	10.19	98	1255009	47.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.02%	
63) 4-Bromofluorobenzene	12.52	95	408513	43.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.22%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.80	85	12020	1.94	ug/l	96
3) Chlorodifluoromethane	1.82	51	14540	2.03	ug/l #	91
4) Chloromethane	2.01	50	15961	3.36	ug/l	98
5) Vinyl Chloride	2.14	62	15804	2.16	ug/l	93
6) Bromomethane	2.55	94	6979	3.48	ug/l	94
7) Chloroethane	2.69	64	10477	2.11	ug/l	95
8) Trichlorofluoromethane	3.02	101	24047	2.18	ug/l	96
9) Diethyl Ether	3.43	74	10404	2.05	ug/l	99
10) 1,1,2-Trichlorotrifluoroet	3.79	101	14313	2.06	ug/l #	69
11) Methyl Iodide	3.99	142	6456	0.96	ug/l #	74
12) Tert butyl alcohol	4.80	59	7867m	7.59	ug/l	
13) 1,1-Dichloroethene	3.77	96	14809	2.23	ug/l	90
15) Allyl chloride	4.37	41	26147	1.95	ug/l #	82
16) Acrylonitrile	5.05	53	29964m	8.84	ug/l	
17) Acetone	3.85	43	29648	10.37	ug/l	99
18) Carbon Disulfide	4.11	76	42552	1.97	ug/l	96
19) Methyl Acetate	4.37	43	38845	1.88	ug/l	98
20) Methyl tert-butyl Ether	5.12	73	56904	2.13	ug/l	94
21) Methylene Chloride	4.61	84	16836	2.11	ug/l #	81
22) trans-1,2-Dichloroethene	5.13	96	15770	2.19	ug/l	95
23) Diisopropyl ether	6.04	45	58333	2.07	ug/l #	70
24) Vinyl Acetate	5.99	43	75873	8.14	ug/l	97
25) 1,1-Dichloroethane	5.94	63	34665	2.12	ug/l	96
26) 2-Butanone	6.93	43	38667	8.98	ug/l #	88
27) 2,2-Dichloropropane	6.92	77	28375	2.00	ug/l	99
28) cis-1,2-Dichloroethene	6.92	96	18511	2.25	ug/l	92
30) Tetrahydrofuran	7.33	42	28276	9.53	ug/l #	87
31) Chloroform	7.46	83	32727	2.21	ug/l	99
32) Cyclohexane	7.76	56	47932	2.41	ug/l #	63
33) 1,1,1-Trichloroethane	7.68	97	28298	2.15	ug/l	96
37) 1,1-Dichloropropene	7.89	75	23201	2.01	ug/l	99
38) Ethyl Acetate	7.03	43	18264	0.82	ug/l #	83
39) Carbon Tetrachloride	7.88	117	22859	2.11	ug/l	96
40) Methylcyclohexane	9.19	83	28269	2.02	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Benzene	8.14	78	70725	2.11	ug/l	96
42) Methacrylonitrile	7.26	41	11049	1.99	ug/l #	91
43) 1,2-Dichloroethane	8.22	62	27873	2.06	ug/l	83
44) Isopropyl Acetate	8.25	43	34627	1.88	ug/l #	92
45) Trichloroethene	8.94	130	13572	2.01	ug/l	96
46) 1,2-Dichloropropane	9.21	63	20395	2.11	ug/l	98
47) Dibromomethane	9.31	93	11804	2.08	ug/l	91
48) Bromodichloromethane	9.49	83	24462	2.05	ug/l	99
49) Methyl methacrylate	9.29	41	14430	1.57	ug/l #	75
50) 1,4-Dioxane	9.30	88	3917	36.43	ug/l #	90
52) 4-Methyl-2-Pentanone	10.07	43	96963	9.97	ug/l	99
53) Toluene	10.26	92	43110	2.19	ug/l	94
54) t-1,3-Dichloropropene	10.47	75	23434	1.74	ug/l	96
55) cis-1,3-Dichloropropene	9.94	75	25276	1.73	ug/l #	91
56) 1,1,2-Trichloroethane	10.66	97	16328	2.21	ug/l	91
57) Ethyl methacrylate	10.52	69	23262	1.87	ug/l #	88
58) 1,3-Dichloropropane	10.81	76	28610	2.08	ug/l	99
60) 2-Hexanone	10.84	43	63871	9.64	ug/l	97
61) Dibromochloromethane	11.00	129	14459	1.91	ug/l	96
62) 1,2-Dibromoethane	11.11	107	14420	1.98	ug/l	98
65) Tetrachloroethene	10.74	164	10893	2.07	ug/l	93
66) Chlorobenzene	11.54	112	39125	2.02	ug/l	100
67) 1,1,1,2-Tetrachloroethane	11.62	131	13411	2.03	ug/l	96
68) Ethyl Benzene	11.62	91	74052	2.01	ug/l	99
69) m/p-Xylenes	11.73	106	49904	3.93	ug/l	93
70) o-Xylene	12.06	106	26289	2.07	ug/l	93
71) Styrene	12.08	104	38101	1.85	ug/l	93
72) Bromoform	12.24	173	8819	1.92	ug/l #	99
74) Isopropylbenzene	12.36	105	67268	2.19	ug/l	100
75) N-amyl acetate	12.17	43	25081	1.83	ug/l	96
76) 1,1,2,2-Tetrachloroethane	12.61	83	20668	Below	Cal	99
77) 1,2,3-Trichloropropane	12.66	75	21401m	2.54	ug/l	
78) Bromobenzene	12.64	156	12755	2.12	ug/l	84
79) n-propylbenzene	12.71	91	72159	2.00	ug/l	99
80) 2-Chlorotoluene	12.79	91	46375	2.14	ug/l	97
81) 1,3,5-Trimethylbenzene	12.85	105	51232	2.07	ug/l	94
82) trans-1,4-Dichloro-2-buten	12.40	75	6067m	1.77	ug/l	
83) 4-Chlorotoluene	12.89	91	43268	2.03	ug/l	98
84) tert-Butylbenzene	13.11	119	44430	2.18	ug/l	91
85) 1,2,4-Trimethylbenzene	13.16	105	50816	2.05	ug/l	99
86) sec-Butylbenzene	13.29	105	60992	2.04	ug/l	97
87) p-Isopropyltoluene	13.41	119	45839	1.99	ug/l	94
88) 1,3-Dichlorobenzene	13.41	146	21186	2.05	ug/l	92
89) 1,4-Dichlorobenzene	13.49	146	22437m	2.15	ug/l	
90) n-Butylbenzene	13.74	91	40503	1.82	ug/l	97
91) Hexachloroethane	14.01	117	9048	1.80	ug/l	98
92) 1,2-Dichlorobenzene	13.78	146	22388	2.20	ug/l	92
93) 1,2-Dibromo-3-Chloropropan	14.40	75	3370	0.56	ug/l	87
94) 1,2,4-Trichlorobenzene	15.06	180	8366	1.52	ug/l	91
95) Hexachlorobutadiene	15.16	225	5669	1.95	ug/l	99

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
96) Naphthalene	15.29	128	23258	1.44	ug/l	97
97) 1,2,3-Trichlorobenzene	15.47	180	8776	1.60	ug/l	98

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

