Quantitation Report (QT Reviewed)

Data Path : W:\HPCHEM1\MSVOA_N\DATA\VN091715\
Data File : VN027249.D
Acq On : 17 Sep 2015 12:26
Operator : MD\FY
Sample : G3707-05 0.2PPB
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : LOD-WATER2015-01

Manual Integrations APPROVED
MMDadoda
9/18/2015 12:22:38 PM

Quant Time: Sep 18 02:15:36 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	518442	50.00	ug/l		0.00
35) 1,4-Difluorobenzene	8.68	114	974744	50.00	ug/l		0.00
64) Chlorobenzene-d5	11.52	117	812873	50.00	ug/l		0.00
73) 1,4-Dichlorobenzene-d4	13.47	152	266101	50.00	ug/l		0.00
System Monitoring Compounds							
34) 1,2-Dichloroethane-d4	8.12	65	535128	50.38	ug/l		0.00
Spiked Amount 50.000			Recovery = 100.76%				
36) Dibromofluoromethane	7.68	113	334496	49.51	ug/l		0.00
Spiked Amount 50.000			Recovery = 99.02%				
51) Toluene-d8	10.19	98	1291950	48.84	ug/l		0.00
Spiked Amount 50.000			Recovery = 97.68%				
63) 4-Bromofluorobenzene	12.52	95	417447	44.46	ug/l		0.00
Spiked Amount 50.000			Recovery = 88.92%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.80	85	1222	0.20	ug/l		75
3) Chlorodifluoromethane	1.82	51	1789	0.25	ug/l		96
4) Chloromethane	2.00	50	3030	1.54	ug/l		95
5) Vinyl Chloride	2.14	62	2535	0.35	ug/l		97
6) Bromomethane	2.54	94	1533	2.01	ug/l		100
7) Chloroethane	2.69	64	1424	0.29	ug/l	#	50
8) Trichlorofluoromethane	3.02	101	2595m	0.23	ug/l		
9) Diethyl Ether	3.45	74	1221m	0.24	ug/l		
10) 1,1,2-Trichlorotrifluoroet	3.79	101	1688m	0.24	ug/l		
13) 1,1-Dichloroethene	3.76	96	1791	0.27	ug/l	#	89
18) Carbon Disulfide	4.11	76	6173	0.28	ug/l	#	79
20) Methyl tert-butyl Ether	5.12	73	6953m	0.26	ug/l		
21) Methylene Chloride	4.61	84	2358m	0.30	ug/l		
22) trans-1,2-Dichloroethene	5.12	96	2082m	0.29	ug/l		
23) Diisopropyl ether	6.04	45	6417	0.23	ug/l	#	70
25) 1,1-Dichloroethane	5.93	63	4503m	0.27	ug/l		
27) 2,2-Dichloropropane	6.92	77	4297	0.30	ug/l	#	75
28) cis-1,2-Dichloroethene	6.92	96	2432m	0.29	ug/l		
30) Tetrahydrofuran	7.35	42	3438m	1.16	ug/l		
31) Chloroform	7.46	83	4140	0.28	ug/l		93
32) Cyclohexane	7.75	56	20907	0.52	ug/l	#	23
33) 1,1,1-Trichloroethane	7.66	97	3520m	0.27	ug/l		
37) 1,1-Dichloropropene	7.89	75	3029	0.27	ug/l	#	67
39) Carbon Tetrachloride	7.89	117	1857	0.17	ug/l	#	85
40) Methylcyclohexane	9.19	83	3363	0.24	ug/l	#	83
41) Benzene	8.15	78	8348	0.25	ug/l	#	83
43) 1,2-Dichloroethane	8.23	62	3139	0.23	ug/l		81
44) Isopropyl Acetate	8.25	43	3978	0.22	ug/l	#	88
45) Trichloroethene	8.93	130	1749	0.26	ug/l		86
46) 1,2-Dichloropropane	9.22	63	2471	0.26	ug/l	#	89
47) Dibromomethane	9.31	93	1398	0.25	ug/l	#	55
48) Bromodichloromethane	9.49	83	3260	0.28	ug/l	#	75
49) Methyl methacrylate	9.30	41	1525	0.17	ug/l	#	84
52) 4-Methyl-2-Pentanone	10.07	43	11646	1.21	ug/l		97

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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)
53) Toluene	10.26	92	4855	0.25 ug/l	88
54) t-1,3-Dichloropropene	10.48	75	2730	0.21 ug/l #	40
55) cis-1,3-Dichloropropene	9.94	75	2890	0.20 ug/l #	86
56) 1,1,2-Trichloroethane	10.66	97	1691	0.23 ug/l	94
57) Ethyl methacrylate	10.52	69	3120	0.25 ug/l #	82
58) 1,3-Dichloropropane	10.81	76	2889	0.21 ug/l #	74
60) 2-Hexanone	10.85	43	6585	1.00 ug/l	94
61) Dibromochloromethane	11.00	129	1600	0.21 ug/l	100
62) 1,2-Dibromoethane	11.11	107	1589	0.22 ug/l	100
65) Tetrachloroethene	10.73	164	1768	0.34 ug/l #	63
66) Chlorobenzene	11.54	112	4114	0.21 ug/l #	72
67) 1,1,1,2-Tetrachloroethane	11.62	131	1602	0.24 ug/l #	53
68) Ethyl Benzene	11.62	91	8848	0.24 ug/l #	88
69) m/p-Xylenes	11.73	106	6044	0.48 ug/l	81
70) o-Xylene	12.06	106	2875	0.23 ug/l	69
71) Styrene	12.08	104	4241	0.21 ug/l #	82
72) Bromoform	12.24	173	911	0.20 ug/l #	28
74) Isopropylbenzene	12.36	105	7540	0.26 ug/l	96
75) N-amyl acetate	12.17	43	2874	0.22 ug/l #	89
76) 1,1,2,2-Tetrachloroethane	12.61	83	2644	Below Cal	88
77) 1,2,3-Trichloropropane	12.66	75	3519m	0.44 ug/l	
78) Bromobenzene	12.64	156	1670	0.29 ug/l	88
79) n-propylbenzene	12.71	91	9048	0.26 ug/l	96
80) 2-Chlorotoluene	12.80	91	6439	0.31 ug/l	90
81) 1,3,5-Trimethylbenzene	12.85	105	5829	0.25 ug/l	95
82) trans-1,4-Dichloro-2-buten	12.41	75	699m	0.21 ug/l	
83) 4-Chlorotoluene	12.89	91	5561	0.27 ug/l	97
84) tert-Butylbenzene	13.11	119	5194	0.27 ug/l	96
85) 1,2,4-Trimethylbenzene	13.16	105	5796	0.24 ug/l	93
86) sec-Butylbenzene	13.29	105	6292	0.22 ug/l	100
87) p-Isopropyltoluene	13.41	119	4849	0.22 ug/l	82
88) 1,3-Dichlorobenzene	13.41	146	3009	0.31 ug/l	83
89) 1,4-Dichlorobenzene	13.49	146	2657m	0.27 ug/l	
90) n-Butylbenzene	13.74	91	4421	0.21 ug/l #	89
91) Hexachloroethane	14.00	117	1077	0.22 ug/l	79
92) 1,2-Dichlorobenzene	13.78	146	2468	0.25 ug/l	88
96) Naphthalene	15.29	128	3019	0.20 ug/l #	79

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

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