Quantitation Report (QT Reviewed)

Data Path : W:\HPCHEM1\MSVOA_N\DATA\VN092115\
Data File : VN027333.D
Acq On : 21 Sep 2015 15:41
Operator : MD\FY
Sample : G3707-05 0.2PPB
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : LOD-WATER2015-01

Manual Integrations APPROVED
MMDadoda
9/22/2015 7:25:52 PM

Quant Time: Sep 22 10:45:50 2015
Quant Method : W:\HPCHEM1\MSVOA_N\METHODS\82N092115W.M
Quant Title : SW846 8260
QLast Update : Mon Sep 21 13:12:32 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	7.75	168	515176	50.00	ug/l		0.00
35) 1,4-Difluorobenzene	8.68	114	933361	50.00	ug/l		0.00
64) Chlorobenzene-d5	11.52	117	769212	50.00	ug/l		0.00
73) 1,4-Dichlorobenzene-d4	13.47	152	253333	50.00	ug/l		0.00
System Monitoring Compounds							
34) 1,2-Dichloroethane-d4	8.12	65	495448	49.13	ug/l		0.00
Spiked Amount 50.000			Recovery = 98.26%				
36) Dibromofluoromethane	7.68	113	305200	50.12	ug/l		0.00
Spiked Amount 50.000			Recovery = 100.24%				
51) Toluene-d8	10.19	98	1199821	50.96	ug/l		0.00
Spiked Amount 50.000			Recovery = 101.92%				
63) 4-Bromofluorobenzene	12.52	95	396285	46.33	ug/l		0.00
Spiked Amount 50.000			Recovery = 92.66%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.80	85	1097	0.21	ug/l	#	41
3) Chlorodifluoromethane	1.82	51	1423	0.21	ug/l	#	92
4) Chloromethane	2.01	50	3495	0.57	ug/l		90
5) Vinyl Chloride	2.14	62	1999	0.29	ug/l	#	86
6) Bromomethane	2.54	94	1563	0.56	ug/l		94
7) Chloroethane	2.68	64	1181	0.27	ug/l	#	88
8) Trichlorofluoromethane	3.02	101	2338	0.24	ug/l		85
10) 1,1,2-Trichlorotrifluoroet	3.79	101	1810m	0.29	ug/l		
13) 1,1-Dichloroethene	3.77	96	1516	0.26	ug/l	#	64
14) Acrolein	3.64	56	99	0.09	ug/l	#	32
16) Acrylonitrile	5.03	53	29	0.01	ug/l	#	17
18) Carbon Disulfide	4.11	76	7531	0.43	ug/l	#	92
20) Methyl tert-butyl Ether	5.12	73	4930m	0.21	ug/l		
21) Methylene Chloride	4.61	84	2277m	0.31	ug/l		
22) trans-1,2-Dichloroethene	5.13	96	2060m	0.32	ug/l		
23) Diisopropyl ether	6.05	45	6393m	0.26	ug/l		
28) cis-1,2-Dichloroethene	6.92	96	1994	0.26	ug/l		78
30) Tetrahydrofuran	7.34	42	3292	1.45	ug/l	#	73
31) Chloroform	7.46	83	3541	0.26	ug/l		90
32) Cyclohexane	7.75	56	19917	Below Cal		#	16
33) 1,1,1-Trichloroethane	7.67	97	2941	0.24	ug/l	#	45
37) 1,1-Dichloropropene	7.89	75	3451	0.34	ug/l	#	80
39) Carbon Tetrachloride	7.88	117	2174	0.23	ug/l		98
40) Methylcyclohexane	9.19	83	3626	0.30	ug/l		97
41) Benzene	8.14	78	7804	0.27	ug/l		94
43) 1,2-Dichloroethane	8.22	62	3110	0.26	ug/l		86
45) Trichloroethene	8.94	130	1497	0.26	ug/l		69
46) 1,2-Dichloropropane	9.22	63	2398	0.29	ug/l		99
47) Dibromomethane	9.31	93	1575	0.32	ug/l	#	55
48) Bromodichloromethane	9.49	83	2613	0.25	ug/l	#	63
52) 4-Methyl-2-Pentanone	10.07	43	9702	1.27	ug/l		99
53) Toluene	10.25	92	4764	0.28	ug/l		87
54) t-1,3-Dichloropropene	10.48	75	2624	0.24	ug/l		94
55) cis-1,3-Dichloropropene	9.93	75	3306	0.27	ug/l	#	80

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Quant Method : W:\HPCHEM1\MSVOA_N\METHODS\82N092115W.M
Quant Title : SW846 8260
QLast Update : Mon Sep 21 13:12:32 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
56) 1,1,2-Trichloroethane	10.65	97	1335	0.21 ug/l #	87
57) Ethyl methacrylate	10.53	69	2045	0.20 ug/l #	60
58) 1,3-Dichloropropane	10.80	76	2904	0.24 ug/l	94
59) 2-Chloroethyl Vinyl ether	9.79	63	4228	0.93 ug/l #	77
60) 2-Hexanone	10.84	43	5429	1.05 ug/l	96
61) Dibromochloromethane	11.00	129	1585	0.25 ug/l	95
62) 1,2-Dibromoethane	11.11	107	1253	0.20 ug/l #	66
65) Tetrachloroethene	10.74	164	1487	0.32 ug/l	98
66) Chlorobenzene	11.54	112	4898	0.30 ug/l #	80
67) 1,1,1,2-Tetrachloroethane	11.62	131	1298	0.23 ug/l #	56
68) Ethyl Benzene	11.62	91	8063	0.26 ug/l	97
69) m/p-Xylenes	11.73	106	5671	0.53 ug/l	95
70) o-Xylene	12.06	106	2726	0.25 ug/l	99
71) Styrene	12.07	104	4128	0.24 ug/l	95
74) Isopropylbenzene	12.36	105	6639	0.26 ug/l	99
75) N-amyl acetate	12.17	43	2032	0.20 ug/l #	88
76) 1,1,2,2-Tetrachloroethane	12.61	83	2150	0.30 ug/l #	97
77) 1,2,3-Trichloropropane	12.66	75	1445m	0.23 ug/l	
78) Bromobenzene	12.65	156	1580	0.32 ug/l	94
79) n-propylbenzene	12.71	91	8197	0.27 ug/l	96
80) 2-Chlorotoluene	12.80	91	5788	0.31 ug/l	98
81) 1,3,5-Trimethylbenzene	12.85	105	5219	0.25 ug/l	94
83) 4-Chlorotoluene	12.90	91	5915	0.33 ug/l	81
84) tert-Butylbenzene	13.11	119	4267	0.26 ug/l	76
85) 1,2,4-Trimethylbenzene	13.16	105	5572	0.27 ug/l	82
86) sec-Butylbenzene	13.30	105	5839	0.24 ug/l	98
87) p-Isopropyltoluene	13.41	119	3901	0.21 ug/l #	79
88) 1,3-Dichlorobenzene	13.41	146	2434	0.28 ug/l #	79
89) 1,4-Dichlorobenzene	13.49	146	2886	0.33 ug/l #	69
90) n-Butylbenzene	13.74	91	4340	0.24 ug/l	96
91) Hexachloroethane	14.01	117	1024	0.26 ug/l	81
92) 1,2-Dichlorobenzene	13.78	146	2674	0.31 ug/l	100
94) 1,2,4-Trichlorobenzene	15.06	180	1052	0.24 ug/l #	47
95) Hexachlorobutadiene	15.16	225	603	0.25 ug/l	65
96) Naphthalene	15.29	128	2373	3.98 ug/l #	85
97) 1,2,3-Trichlorobenzene	15.47	180	775	0.18 ug/l	78

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

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