Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032615\
Data File : BF078000.D
Acq On : 26 Mar 2015 17:33
Operator : TP/IZ
Sample : G1614-05
Misc : LOD-WATER-1PPM
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LOD-WATER2015-01

Quant Time: Mar 27 12:42:05 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 27 00:54:57 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.09	152	32771	20.00	ng		0.00
21) Naphthalene-d8	8.67	136	137527	20.00	ng		0.00
38) Acenaphthene-d10	10.84	164	66173	20.00	ng		0.00
63) Phenanthrene-d10	12.67	188	135434	20.00	ng		-0.01
75) Chrysene-d12	15.95	240	138231	20.00	ng		-0.06
86) Perylene-d12	17.65	264	132419	20.00	ng		-0.24
System Monitoring Compounds							
5) 2-Fluorophenol	5.38	112	261145	139.10	ng		0.00
7) Phenol-d6	6.67	99	314467	135.57	ng		-0.01
23) Nitrobenzene-d5	7.79	82	183549	87.49	ng		0.00
41) 2,4,6-Tribromophenol	11.81	330	75013	118.48	ng		-0.01
44) 2-Fluorobiphenyl	10.02	172	409535	90.95	ng		0.00
78) Terphenyl-d14	14.67	244	497828	87.97	ng		-0.01
Target Compounds							Qvalue
6) Aniline	6.68	93	2698	0.81	ng	#	1
8) 2-Chlorophenol	6.83	128	1883	0.84	ng		93
9) Benzaldehyde	6.54	77	1012	1.06	ng	#	77
10) Phenol	6.69	94	2157	0.79	ng		86
11) bis(2-Chloroethyl)ether	6.78	93	1886	0.92	ng		89
12) 1,3-Dichlorobenzene	7.01	146	1980	0.80	ng		95
13) 1,4-Dichlorobenzene	7.12	146	2085m	0.81	ng		
14) 1,2-Dichlorobenzene	7.30	146	2016	0.85	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.46	45	2138	0.77	ng		76
17) 2-Methylphenol	7.45	107	983	0.54	ng	#	87
18) Hexachloroethane	7.71	117	453	0.53	ng		93
19) n-Nitroso-di-n-propylamine	7.62	70	954	0.59	ng	#	80
20) 3+4-Methylphenols	7.65	107	1288	0.54	ng	#	77
22) Acetophenone	7.61	105	2027	0.67	ng	#	94
24) Nitrobenzene	7.81	77	2019	0.89	ng	#	79
25) Isophorone	8.11	82	2815	0.66	ng	#	86
27) 2,4-Dimethylphenol	8.28	122	1225	0.61	ng		86
28) bis(2-Chloroethoxy)methane	8.40	93	1736	0.68	ng	#	86
29) 2,4-Dichlorophenol	8.52	162	571	0.30	ng	#	66
30) 1,2,4-Trichlorobenzene	8.60	180	1564	0.73	ng		92
31) Naphthalene	8.69	128	5747	0.81	ng		98
33) 4-Chloroaniline	8.78	127	1609	0.56	ng	#	78
34) Hexachlorobutadiene	8.85	225	870	0.71	ng		87
36) 4-Chloro-3-methylphenol	9.40	107	991	0.51	ng	#	73
37) 2-Methylnaphthalene	9.55	142	3369	0.71	ng		96
39) 1,2,4,5-Tetrachlorobenzene	9.76	216	1546	0.78	ng	#	100
42) 2,4,6-Trichlorophenol	9.92	196	378	0.28	ng	#	76
43) 2,4,5-Trichlorophenol	9.97	196	355	0.24	ng	#	70
45) 1,1'-Biphenyl	10.13	154	4281	0.81	ng		96
46) 2-Chloronaphthalene	10.16	162	3320	0.77	ng		94
47) 2-Nitroaniline	10.30	65	540	0.51	ng	#	61
48) Acenaphthylene	10.66	152	4443	0.62	ng		97
49) Dimethylphthalate	10.52	163	3509	0.71	ng	#	94
51) Acenaphthene	10.88	154	3348	0.82	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
52) 3-Nitroaniline	10.81	138	217	0.18	ng	#	73
54) Dibenzofuran	11.09	168	4936	0.81	ng		98
57) Fluorene	11.52	166	3892	0.77	ng		98
59) Diethylphthalate	11.40	149	3863	0.81	ng	#	92
60) 4-Chlorophenyl-phenylether	11.53	204	1733	0.75	ng		92
62) Azobenzene	11.72	77	2983	0.65	ng		90
65) n-Nitrosodiphenylamine	11.68	169	3235	0.72	ng		96
66) 4-Bromophenyl-phenylether	12.13	248	778	0.54	ng	#	89
67) Hexachlorobenzene	12.19	284	1217	0.77	ng	#	47
70) Phenanthrene	12.71	178	6114	0.79	ng		98
71) Anthracene	12.76	178	5522	0.72	ng		95
72) Carbazole	12.98	167	5193	0.71	ng		95
73) Di-n-butylphthalate	13.44	149	4203	0.51	ng	#	94
74) Fluoranthene	14.17	202	6116	0.71	ng		92
76) Benzidine	14.36	184	8158	1.92	ng		96
77) Pyrene	14.45	202	6687	0.77	ng		98
79) Butylbenzylphthalate	15.29	149	1319	0.38	ng	#	77
80) Benzo(a)anthracene	15.94	228	6458	0.79	ng		97
81) 3,3'-Dichlorobenzidine	15.93	252	1387	0.51	ng	#	80
82) Chrysene	15.97	228	6543	0.89	ng		96
83) Bis(2-ethylhexyl)phthalate	16.01	149	2146	0.41	ng	#	88
84) Di-n-octyl phthalate	16.80	149	2811	0.32	ng	#	79
85) Indeno(1,2,3-cd)pyrene	19.00	276	6068m	0.66	ng		
87) Benzo(b)fluoranthene	17.22	252	7101	0.82	ng		98
88) Benzo(k)fluoranthene	17.25	252	4115m	0.61	ng		
89) Benzo(a)pyrene	17.60	252	5190	0.72	ng		95
90) Dibenzo(a,h)anthracene	19.04	278	4816	0.67	ng		98
91) Benzo(g,h,i)perylene	19.40	276	5520	0.76	ng	#	90

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

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