Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111015\
Data File : BF082888.D
Acq On : 11 Nov 2015 00:09
Operator : UM/IZ
Sample : G4246-02MS
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T-14CMS

Quant Time: Nov 13 18:25:48 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Nov 07 02:32:49 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	288116	20.00	ng		-0.03
21) Naphthalene-d8	8.11	136	1108306	20.00	ng		-0.03
38) Acenaphthene-d10	9.86	164	539536	20.00	ng		-0.03
63) Phenanthrene-d10	11.34	188	1016656	20.00	ng		-0.03
75) Chrysene-d12	13.99	240	701466	20.00	ng		-0.03
86) Perylene-d12	15.40	264	641463	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	2217791	119.77	ng		-0.01
7) Phenol-d6	6.46	99	3024565	122.86	ng		-0.01
23) Nitrobenzene-d5	7.39	82	1983812	77.88	ng		-0.02
41) 2,4,6-Tribromophenol	10.66	330	704370	113.86	ng		-0.02
44) 2-Fluorobiphenyl	9.18	172	2333886	62.00	ng		-0.03
78) Terphenyl-d14	12.93	244	2242722	75.83	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	2.45	88	294011	36.80	ng		97
3) Pyridine	3.15	79	772903	33.34	ng		94
4) n-Nitrosodimethylamine	3.10	42	423337	36.82	ng	#	74
6) Aniline	6.48	93	886274	25.64	ng	#	12
8) 2-Chlorophenol	6.61	128	810418	39.48	ng		98
9) Benzaldehyde	6.35	77	271866	19.99	ng		96
10) Phenol	6.49	94	1083767	38.80	ng		89
11) bis(2-Chloroethyl)ether	6.56	93	810949	38.82	ng		93
12) 1,3-Dichlorobenzene	6.76	146	864541m	37.34	ng		
13) 1,4-Dichlorobenzene	6.83	146	818047	33.96	ng		98
14) 1,2-Dichlorobenzene	6.99	146	804793	36.74	ng		98
15) Benzyl Alcohol	6.97	79	795639	36.80	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.10	45	1263532	41.24	ng		96
17) 2-Methylphenol	7.08	107	733065	42.16	ng		97
18) Hexachloroethane	7.33	117	305137	35.42	ng		97
19) n-Nitroso-di-n-propylamine	7.25	70	703786	38.89	ng	#	76
20) 3+4-Methylphenols	7.24	107	816129	36.10	ng	#	81
22) Acetophenone	7.23	105	1219669	38.41	ng	#	96
24) Nitrobenzene	7.40	77	876322	33.64	ng		90
25) Isophorone	7.65	82	1872030	39.72	ng		96
26) 2-Nitrophenol	7.72	139	431124	39.65	ng	#	75
27) 2,4-Dimethylphenol	7.77	122	726754	37.20	ng		94
28) bis(2-Chloroethoxy)methane	7.86	93	1012542	38.09	ng		99
29) 2,4-Dichlorophenol	7.97	162	764102	43.28	ng		98
30) 1,2,4-Trichlorobenzene	8.05	180	746196	37.58	ng		96
31) Naphthalene	8.13	128	2289820	37.45	ng		100
32) Benzoic acid	7.87	122	176413	13.19	ng		90
33) 4-Chloroaniline	8.18	127	409413	15.54	ng	#	85
34) Hexachlorobutadiene	8.26	225	424704	34.18	ng		97
35) Caprolactam	8.56	113	246108m	44.21	ng		
36) 4-Chloro-3-methylphenol	8.67	107	773713	37.26	ng		88
37) 2-Methylnaphthalene	8.82	142	1381829	34.93	ng		95
39) 1,2,4,5-Tetrachlorobenzene	8.99	216	674093	38.02	ng		97
40) Hexachlorocyclopentadiene	8.98	237	494736	51.94	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.10	196	556050	42.01	ng		98
43) 2,4,5-Trichlorophenol	9.15	196	541626	41.38	ng	#	83
45) 1,1'-Biphenyl	9.29	154	1717468	37.10	ng		96
46) 2-Chloronaphthalene	9.31	162	1402475	38.84	ng		99
47) 2-Nitroaniline	9.40	65	472556	35.27	ng	#	83
48) Acenaphthylene	9.72	152	1978651	34.96	ng		99
49) Dimethylphthalate	9.60	163	2272829	51.42	ng		99
50) 2,6-Dinitrotoluene	9.65	165	415529	44.06	ng	#	82
51) Acenaphthene	9.89	154	1330145	37.08	ng		99
52) 3-Nitroaniline	9.81	138	267982	25.83	ng	#	85
53) 2,4-Dinitrophenol	9.92	184	210824	40.71	ng	#	28
54) Dibenzofuran	10.06	168	1825410	37.75	ng		95
55) 4-Nitrophenol	10.00	139	688371	86.50	ng	#	75
56) 2,4-Dinitrotoluene	10.05	165	476988	37.27	ng		96
57) Fluorene	10.41	166	1305533	33.33	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.19	232	448958	42.03	ng	#	88
59) Diethylphthalate	10.29	149	1582493	36.67	ng		98
60) 4-Chlorophenyl-phenylether	10.41	204	741727	37.85	ng		96
61) 4-Nitroaniline	10.43	138	383803	36.79	ng	#	78
62) Azobenzene	10.57	77	1915801	41.32	ng		95
64) 4,6-Dinitro-2-methylphenol	10.46	198	260500	35.97	ng		99
65) n-Nitrosodiphenylamine	10.52	169	1258324	34.26	ng		99
66) 4-Bromophenyl-phenylether	10.89	248	443080	36.19	ng	#	71
67) Hexachlorobenzene	10.96	284	484824	35.47	ng	#	87
68) Atrazine	11.06	200	488161	42.98	ng		96
69) Pentachlorophenol	11.15	266	562369	67.75	ng		98
70) Phenanthrene	11.37	178	1976183	33.47	ng		100
71) Anthracene	11.42	178	2308122	37.11	ng		100
72) Carbazole	11.57	167	1836933	33.74	ng		100
73) Di-n-butylphthalate	11.92	149	2467013	36.37	ng		99
74) Fluoranthene	12.56	202	2234206	35.26	ng		98
76) Benzidine	12.67	184	624375	26.56	ng		99
77) Pyrene	12.79	202	2318030	48.12	ng		99
79) Butylbenzylphthalate	13.41	149	1144963	53.80	ng	#	79
80) Benzo(a)anthracene	13.97	228	1719611	39.20	ng		99
81) 3,3'-Dichlorobenzidine	13.94	252	454627	29.15	ng	#	96
82) Chrysene	14.01	228	1527935	38.03	ng		99
83) Bis(2-ethylhexyl)phthalate	13.97	149	1341863	46.07	ng		98
84) Di-n-octyl phthalate	14.59	149	2476206	50.96	ng		97
85) Indeno(1,2,3-cd)pyrene	16.77	276	1595966	46.12	ng	#	95
87) Benzo(b)fluoranthene	15.00	252	1758866m	42.72	ng		
88) Benzo(k)fluoranthene	15.03	252	1090054m	29.84	ng		
89) Benzo(a)pyrene	15.35	252	1380238	38.69	ng		98
90) Dibenzo(a,h)anthracene	16.80	278	1309505	43.35	ng	#	97
91) Benzo(g,h,i)perylene	17.20	276	1330123	45.97	ng		96

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

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