Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110615\
Data File : BF082742.D
Acq On : 6 Nov 2015 00:09
Operator : UM/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Nov 06 03:34:03 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF103015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 03 12:27:47 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	171635	20.00	ng		-0.01
21) Naphthalene-d8	8.16	136	685772	20.00	ng		-0.01
38) Acenaphthene-d10	9.90	164	331049	20.00	ng		-0.02
63) Phenanthrene-d10	11.39	188	647852	20.00	ng		-0.02
75) Chrysene-d12	14.03	240	421026	20.00	ng		-0.02
86) Perylene-d12	15.45	264	427726	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	806914	70.81	ng		-0.01
7) Phenol-d6	6.50	99	1065037	70.35	ng		-0.01
23) Nitrobenzene-d5	7.44	82	1207419	71.90	ng		-0.01
41) 2,4,6-Tribromophenol	10.69	330	249856	68.96	ng		-0.02
44) 2-Fluorobiphenyl	9.23	172	1717409	73.66	ng		-0.02
78) Terphenyl-d14	12.98	244	1802695	93.70	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.44	88	180221	34.21	ng		99
3) Pyridine	3.16	79	555004	35.93	ng		95
4) n-Nitrosodimethylamine	3.10	42	260372	29.95	ng		91
6) Aniline	6.52	93	768517	36.46	ng		92
8) 2-Chlorophenol	6.65	128	442732	35.91	ng	#	82
9) Benzaldehyde	6.41	77	337810	32.69	ng		90
10) Phenol	6.51	94	575644	33.56	ng		99
11) bis(2-Chloroethyl)ether	6.60	93	442037	34.93	ng		93
12) 1,3-Dichlorobenzene	6.81	146	527840m	37.54	ng		
13) 1,4-Dichlorobenzene	6.89	146	559496	40.12	ng		93
14) 1,2-Dichlorobenzene	7.04	146	457138	35.32	ng		94
15) Benzyl Alcohol	7.01	79	523883	37.11	ng		92
16) 2,2'-oxybis(1-Chloropropan	7.15	45	674203	33.52	ng		97
17) 2-Methylphenol	7.13	107	411869	39.29	ng		98
18) Hexachloroethane	7.38	117	180712	33.21	ng	#	89
19) n-Nitroso-di-n-propylamine	7.29	70	379795	33.09	ng		88
20) 3+4-Methylphenols	7.28	107	486413	35.70	ng	#	84
22) Acetophenone	7.28	105	660847	32.73	ng	#	84
24) Nitrobenzene	7.45	77	521268	30.71	ng	#	87
25) Isophorone	7.70	82	1070588	34.65	ng		96
26) 2-Nitrophenol	7.77	139	233625	37.68	ng	#	80
27) 2,4-Dimethylphenol	7.81	122	474687	39.22	ng		94
28) bis(2-Chloroethoxy)methane	7.90	93	554912	32.84	ng		98
29) 2,4-Dichlorophenol	8.01	162	377508	34.21	ng		87
30) 1,2,4-Trichlorobenzene	8.10	180	473772	38.69	ng		96
31) Naphthalene	8.18	128	1412014	38.05	ng		100
32) Benzoic acid	7.93	122	217836	24.81	ng		91
33) 4-Chloroaniline	8.22	127	626317	39.53	ng	#	90
34) Hexachlorobutadiene	8.30	225	298519	38.33	ng		100
35) Caprolactam	8.60	113	126589	37.40	ng	#	87
36) 4-Chloro-3-methylphenol	8.70	107	439014	33.79	ng		93
37) 2-Methylnaphthalene	8.86	142	835311	34.73	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	443552	40.15	ng		97
40) Hexachlorocyclopentadiene	9.02	237	108194	15.58	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	307232	38.52	ng		98
43) 2,4,5-Trichlorophenol	9.18	196	321864	40.50	ng	#	88
45) 1,1'-Biphenyl	9.33	154	1142917	40.87	ng		98
46) 2-Chloronaphthalene	9.36	162	879254	40.27	ng		97
47) 2-Nitroaniline	9.45	65	358069	42.19	ng	#	84
48) Acenaphthylene	9.77	152	1285920	36.82	ng		99
49) Dimethylphthalate	9.63	163	1047170	38.73	ng		99
50) 2,6-Dinitrotoluene	9.69	165	208546	37.21	ng		87
51) Acenaphthene	9.94	154	799107	36.04	ng		100
52) 3-Nitroaniline	9.86	138	266942	42.82	ng		87
53) 2,4-Dinitrophenol	9.96	184	48228	21.50	ng	#	9
54) Dibenzofuran	10.11	168	1094182	36.37	ng		97
55) 4-Nitrophenol	10.02	139	168699	35.96	ng	#	71
56) 2,4-Dinitrotoluene	10.10	165	311216	41.07	ng	#	56
57) Fluorene	10.45	166	888198	36.60	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.24	232	252431	37.58	ng	#	87
59) Diethylphthalate	10.34	149	1103743	40.10	ng		97
60) 4-Chlorophenyl-phenylether	10.45	204	490910	41.62	ng		99
61) 4-Nitroaniline	10.46	138	254288	42.74	ng		89
62) Azobenzene	10.61	77	1186606	38.23	ng		95
64) 4,6-Dinitro-2-methylphenol	10.50	198	85085	21.78	ng	#	68
65) n-Nitrosodiphenylamine	10.57	169	870056	39.07	ng		99
66) 4-Bromophenyl-phenylether	10.94	248	280707	38.23	ng		94
67) Hexachlorobenzene	11.01	284	312074	38.34	ng	#	56
68) Atrazine	11.09	200	254304	34.90	ng		97
69) Pentachlorophenol	11.20	266	175284	32.65	ng		96
70) Phenanthrene	11.41	178	1284512	35.15	ng		99
71) Anthracene	11.47	178	1497337	40.70	ng		98
72) Carbazole	11.62	167	1302739	40.65	ng		99
73) Di-n-butylphthalate	11.96	149	1781011	43.66	ng	#	97
74) Fluoranthene	12.60	202	1416315	37.92	ng		97
76) Benzidine	12.72	184	668425	35.20	ng		100
77) Pyrene	12.83	202	1402356	44.98	ng		98
79) Butylbenzylphthalate	13.45	149	606524	44.42	ng		96
80) Benzo(a)anthracene	14.01	228	1050023	39.26	ng		98
81) 3,3'-Dichlorobenzidine	13.97	252	365732	39.69	ng		99
82) Chrysene	14.05	228	1065240	43.94	ng		100
83) Bis(2-ethylhexyl)phthalate	14.02	149	892901	50.44	ng	#	99
84) Di-n-octyl phthalate	14.63	149	1274358	46.15	ng		97
85) Indeno(1,2,3-cd)pyrene	16.85	276	1024068	51.19	ng		99
87) Benzo(b)fluoranthene	15.05	252	983251	33.34	ng		100
88) Benzo(k)fluoranthene	15.07	252	867522m	38.61	ng		
89) Benzo(a)pyrene	15.39	252	885726	38.13	ng		98
90) Dibenzo(a,h)anthracene	16.88	278	853873	39.40	ng		99
91) Benzo(g,h,i)perylene	17.28	276	788797	37.56	ng		98

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

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