Quantitation Report (QT Reviewed)

Data Path : U:\HPCHEM1\BNA F\DATA\BF101816\
Data File : BF090625.D
Acq On : 18 Oct 2016 11:15
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Oct 19 01:29:04 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 17 19:19:58 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	238885	20.00	ng		-0.01
21) Naphthalene-d8	8.19	136	1039278	20.00	ng		-0.01
38) Acenaphthene-d10	9.95	164	531836	20.00	ng		-0.01
63) Phenanthrene-d10	11.43	188	786630	20.00	ng		-0.01
75) Chrysene-d12	14.08	240	652598	20.00	ng		-0.01
86) Perylene-d12	15.54	264	403870	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	1288273	98.86	ng		-0.01
7) Phenol-d6	6.54	99	1735979	89.66	ng		0.00
23) Nitrobenzene-d5	7.47	82	1509921	80.71	ng		-0.01
41) 2,4,6-Tribromophenol	10.74	330	344146	72.58	ng		-0.01
44) 2-Fluorobiphenyl	9.27	172	2591665	80.29	ng		0.00
78) Terphenyl-d14	13.02	244	2156229	76.93	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.53	88	325741	43.86	ng		98
3) Pyridine	3.27	79	852305	51.20	ng		95
4) n-Nitrosodimethylamine	3.23	42	313352	51.91	ng		95
6) Aniline	6.57	93	966232	41.29	ng		92
8) 2-Chlorophenol	6.69	128	724422	42.87	ng		83
9) Benzaldehyde	6.44	77	468371	38.05	ng		90
10) Phenol	6.55	94	995447	44.95	ng		95
11) bis(2-Chloroethyl)ether	6.63	93	761874	41.70	ng		96
12) 1,3-Dichlorobenzene	6.84	146	715195	42.44	ng		98
13) 1,4-Dichlorobenzene	6.92	146	771140	42.08	ng		98
14) 1,2-Dichlorobenzene	7.07	146	675587	39.43	ng		96
15) Benzyl Alcohol	7.05	79	617195	46.80	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.18	45	1144478	44.51	ng		90
17) 2-Methylphenol	7.16	107	566463	43.02	ng		98
18) Hexachloroethane	7.41	117	287910	39.75	ng		92
19) n-Nitroso-di-n-propylamine	7.32	70	517123	38.95	ng		96
20) 3+4-Methylphenols	7.32	107	720894	45.16	ng	#	82
22) Acetophenone	7.32	105	931947	40.59	ng		91
24) Nitrobenzene	7.49	77	885393	46.11	ng	#	90
25) Isophorone	7.73	82	1416757	41.61	ng		95
26) 2-Nitrophenol	7.80	139	352265	40.44	ng		89
27) 2,4-Dimethylphenol	7.85	122	625046	43.24	ng		97
28) bis(2-Chloroethoxy)methane	7.94	93	793951	39.49	ng		99
29) 2,4-Dichlorophenol	8.05	162	539933	42.65	ng		98
30) 1,2,4-Trichlorobenzene	8.13	180	593422	40.02	ng		97
31) Naphthalene	8.21	128	1943621	36.71	ng		98
32) Benzoic acid	7.99	122	441443	49.72	ng		98
33) 4-Chloroaniline	8.26	127	666636	32.95	ng		96
34) Hexachlorobutadiene	8.33	225	300138	36.23	ng		99
35) Caprolactam	8.65	113	161800	45.79	ng		90
36) 4-Chloro-3-methylphenol	8.75	107	628833	43.05	ng	#	87
37) 2-Methylnaphthalene	8.91	142	1262404	40.60	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.07	216	518684	36.78	ng		98
40) Hexachlorocyclopentadiene	9.06	237	258289	37.50	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.18	196	356161	44.78	ng		99
43) 2,4,5-Trichlorophenol	9.23	196	369183	38.91	ng	#	85
45) 1,1'-Biphenyl	9.37	154	1466465	36.23	ng		97
46) 2-Chloronaphthalene	9.40	162	1203513	39.88	ng		93
47) 2-Nitroaniline	9.49	65	473802	43.31	ng		92
48) Acenaphthylene	9.81	152	1847538	38.45	ng		99
49) Dimethylphthalate	9.67	163	1350573	39.14	ng	#	99
50) 2,6-Dinitrotoluene	9.73	165	264146	34.98	ng	#	61
51) Acenaphthene	9.98	154	1208106	37.83	ng		100
52) 3-Nitroaniline	9.90	138	315771	33.33	ng		87
53) 2,4-Dinitrophenol	10.01	184	168126	43.78	ng	#	69
54) Dibenzofuran	10.15	168	1532379	36.47	ng		94
55) 4-Nitrophenol	10.06	139	224215	39.32	ng	#	85
56) 2,4-Dinitrotoluene	10.14	165	392135	38.24	ng	#	85
57) Fluorene	10.50	166	1263019	36.45	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.27	232	275684	34.88	ng		94
59) Diethylphthalate	10.37	149	1330272	38.01	ng		97
60) 4-Chlorophenyl-phenylether	10.49	204	544806	33.35	ng	#	84
61) 4-Nitroaniline	10.53	138	353706	37.23	ng		95
62) Azobenzene	10.65	77	1535830	37.94	ng		92
64) 4,6-Dinitro-2-methylphenol	10.54	198	203948	42.84	ng	#	33
65) n-Nitrosodiphenylamine	10.61	169	1079587	41.55	ng		99
66) 4-Bromophenyl-phenylether	10.98	248	307093	36.38	ng	#	79
67) Hexachlorobenzene	11.05	284	365048	39.83	ng	#	86
68) Atrazine	11.14	200	290504	40.42	ng		99
69) Pentachlorophenol	11.24	266	225226	49.59	ng		96
70) Phenanthrene	11.46	178	1594626	37.98	ng		98
71) Anthracene	11.51	178	1848664	40.91	ng		99
72) Carbazole	11.66	167	1578872	39.03	ng		98
73) Di-n-butylphthalate	12.00	149	1997351	42.14	ng	#	98
74) Fluoranthene	12.65	202	1612733	38.18	ng		93
76) Benzidine	12.77	184	480830	29.61	ng		97
77) Pyrene	12.88	202	1622894	37.55	ng		99
79) Butylbenzylphthalate	13.49	149	820055	42.82	ng	#	77
80) Benzo(a)anthracene	14.06	228	1485244	39.98	ng		100
81) 3,3'-Dichlorobenzidine	14.03	252	510245	40.20	ng	#	96
82) Chrysene	14.11	228	1616804	45.17	ng		99
83) Bis(2-ethylhexyl)phthalate	14.05	149	1183661	45.82	ng	#	94
84) Di-n-octyl phthalate	14.67	149	1635451	47.21	ng	#	93
85) Indeno(1,2,3-cd)pyrene	16.98	276	873176	42.19	ng		98
87) Benzo(b)fluoranthene	15.12	252	1136573	43.01	ng	#	95
88) Benzo(k)fluoranthene	15.14	252	1087141m	38.23	ng		
89) Benzo(a)pyrene	15.47	252	961839	39.75	ng		98
90) Dibenzo(a,h)anthracene	17.00	278	772208	41.85	ng		97
91) Benzo(g,h,i)perylene	17.41	276	727127	41.33	ng		96

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

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