Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122816\
Data File : BF092014.D
Acq On : 29 Dec 2016 00:21
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040EC

Quant Time: Dec 29 02:45:31 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 28 17:32:10 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	327133	20.00	ng		0.00
21) Naphthalene-d8	8.00	136	1282073	20.00	ng		0.00
38) Acenaphthene-d10	9.76	164	574149	20.00	ng		0.00
63) Phenanthrene-d10	11.23	188	858712	20.00	ng		0.00
75) Chrysene-d12	13.86	240	422974	20.00	ng		-0.01
86) Perylene-d12	15.25	264	516876	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	1686528	86.08	ng		0.00
7) Phenol-d6	6.38	99	1681998	70.32	ng		0.00
23) Nitrobenzene-d5	7.29	82	1991314	86.37	ng		0.00
41) 2,4,6-Tribromophenol	10.54	330	370413	77.96	ng		0.00
44) 2-Fluorobiphenyl	9.08	172	2496349	89.82	ng		0.00
78) Terphenyl-d14	12.82	244	1932745	110.82	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.20	88	344073	35.67	ng		99
3) Pyridine	2.88	79	1088601	32.34	ng		98
4) n-Nitrosodimethylamine	2.84	42	440117	34.66	ng		94
6) Aniline	6.37	93	1094162	35.22	ng	#	51
8) 2-Chlorophenol	6.50	128	911199	40.89	ng		94
9) Benzaldehyde	6.25	77	565416	42.31	ng		89
10) Phenol	6.40	94	1136422	41.69	ng	#	75
11) bis(2-Chloroethyl)ether	6.45	93	902731	41.62	ng		99
12) 1,3-Dichlorobenzene	6.65	146	957716m	40.26	ng		
13) 1,4-Dichlorobenzene	6.73	146	1004138	41.47	ng		96
14) 1,2-Dichlorobenzene	6.89	146	831392m	39.57	ng		
15) Benzyl Alcohol	6.88	79	727681	39.15	ng		93
16) 2,2'-oxybis(1-Chloropropan	6.99	45	1447655	44.82	ng		54
17) 2-Methylphenol	7.00	107	790551	44.11	ng	#	91
18) Hexachloroethane	7.22	117	394858	43.98	ng		90
19) n-Nitroso-di-n-propylamine	7.14	70	717376	45.08	ng		99
20) 3+4-Methylphenols	7.15	107	998761	46.72	ng	#	71
22) Acetophenone	7.13	105	1510895	47.78	ng	#	94
24) Nitrobenzene	7.31	77	1121707	45.68	ng	#	78
25) Isophorone	7.55	82	1816893	42.71	ng		97
26) 2-Nitrophenol	7.62	139	507959	41.94	ng		98
27) 2,4-Dimethylphenol	7.68	122	756002	37.64	ng		99
28) bis(2-Chloroethoxy)methane	7.76	93	1006393	39.01	ng		99
29) 2,4-Dichlorophenol	7.87	162	681544	40.07	ng		89
30) 1,2,4-Trichlorobenzene	7.94	180	755368	40.53	ng	#	94
31) Naphthalene	8.02	128	2269612	38.68	ng		99
32) Benzoic acid	7.84	122	588368	39.49	ng		99
33) 4-Chloroaniline	8.08	127	948462	35.85	ng		98
34) Hexachlorobutadiene	8.14	225	440681	44.79	ng		97
35) Caprolactam	8.48	113	169771	30.38	ng	#	60
36) 4-Chloro-3-methylphenol	8.58	107	628254	32.10	ng		98
37) 2-Methylnaphthalene	8.72	142	1441035	38.50	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	550946	37.98	ng		99
40) Hexachlorocyclopentadiene	8.86	237	176056	29.88	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.00	196	414450	40.85	ng		97
43) 2,4,5-Trichlorophenol	9.05	196	401397	38.45	ng		99
45) 1,1'-Biphenyl	9.18	154	1727893	43.95	ng		98
46) 2-Chloronaphthalene	9.20	162	1257338	40.39	ng		93
47) 2-Nitroaniline	9.31	65	497655	44.90	ng		90
48) Acenaphthylene	9.62	152	1962401	40.99	ng		98
49) Dimethylphthalate	9.49	163	1504832	40.98	ng		99
50) 2,6-Dinitrotoluene	9.55	165	296777	36.92	ng	#	71
51) Acenaphthene	9.79	154	1321192	40.70	ng		99
52) 3-Nitroaniline	9.72	138	333553	33.53	ng		100
53) 2,4-Dinitrophenol	9.82	184	97810	21.87	ng	#	56
54) Dibenzofuran	9.96	168	1648629	37.61	ng		94
55) 4-Nitrophenol	9.90	139	233236	34.53	ng		91
56) 2,4-Dinitrotoluene	9.95	165	355046	35.19	ng	#	67
57) Fluorene	10.30	166	1283929	40.26	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.09	232	343886	41.65	ng		96
59) Diethylphthalate	10.19	149	1551226	43.50	ng		96
60) 4-Chlorophenyl-phenylether	10.29	204	563115	40.32	ng		97
61) 4-Nitroaniline	10.34	138	356533	34.59	ng		99
62) Azobenzene	10.45	77	1662890	42.35	ng		97
64) 4,6-Dinitro-2-methylphenol	10.36	198	172309	33.18	ng	#	48
65) n-Nitrosodiphenylamine	10.42	169	1160459	45.54	ng		99
66) 4-Bromophenyl-phenylether	10.78	248	412351	46.16	ng	#	86
67) Hexachlorobenzene	10.84	284	382452	40.06	ng	#	77
68) Atrazine	10.96	200	337049	41.01	ng		93
69) Pentachlorophenol	11.05	266	180934	38.62	ng		98
70) Phenanthrene	11.25	178	1712173	36.77	ng		99
71) Anthracene	11.31	178	1966664	49.21	ng		99
72) Carbazole	11.47	167	1652605	41.75	ng		99
73) Di-n-butylphthalate	11.80	149	2020338	45.87	ng		100
74) Fluoranthene	12.44	202	1731623	42.15	ng		94
76) Benzidine	12.57	184	477159	44.12	ng		98
77) Pyrene	12.67	202	1677806	54.06	ng		99
79) Butylbenzylphthalate	13.30	149	799645	56.65	ng	#	77
80) Benzo(a)anthracene	13.85	228	1097129	45.95	ng		99
81) 3,3'-Dichlorobenzidine	13.83	252	465162	51.38	ng	#	96
82) Chrysene	13.89	228	1211475	50.58	ng		99
83) Bis(2-ethylhexyl)phthalate	13.86	149	950679	57.19	ng	#	96
84) Di-n-octyl phthalate	14.47	149	1545452	50.19	ng		99
85) Indeno(1,2,3-cd)pyrene	16.57	276	1370429	66.05	ng		99
87) Benzo(b)fluoranthene	14.87	252	1159126m	36.02	ng		
88) Benzo(k)fluoranthene	14.89	252	1094244m	39.88	ng		
89) Benzo(a)pyrene	15.20	252	1130223	39.57	ng		98
90) Dibenzo(a,h)anthracene	16.59	278	1150679	49.01	ng		96
91) Benzo(g,h,i)perylene	16.97	276	1191090	48.79	ng		96

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

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