Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100616\
Data File : BF090436.D
Acq On : 7 Oct 2016 2:08
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
sohil
10/7/2016 7:02:25 PM

Quant Time: Oct 07 03:06:18 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF100516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 05 14:57:00 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	272298	20.00	ng		0.00
21) Naphthalene-d8	8.29	136	1132945	20.00	ng		0.00
38) Acenaphthene-d10	10.05	164	603832	20.00	ng		0.00
63) Phenanthrene-d10	11.54	188	929155	20.00	ng		-0.01
75) Chrysene-d12	14.19	240	606989	20.00	ng		-0.01
86) Perylene-d12	15.69	264	491877	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	1209923	66.32	ng		-0.01
7) Phenol-d6	6.62	99	1688187	70.65	ng		0.00
23) Nitrobenzene-d5	7.56	82	1576908	67.70	ng		-0.01
41) 2,4,6-Tribromophenol	10.84	330	400417	81.55	ng		-0.01
44) 2-Fluorobiphenyl	9.37	172	2372675	65.47	ng		-0.01
78) Terphenyl-d14	13.13	244	2153534	79.76	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.68	88	320122	35.59	ng	#	89
3) Pyridine	3.46	79	925446	36.90	ng	#	81
4) n-Nitrosodimethylamine	3.40	42	345865	33.42	ng	#	56
6) Aniline	6.66	93	1186173	35.94	ng		99
8) 2-Chlorophenol	6.78	128	780877	38.89	ng		94
9) Benzaldehyde	6.54	77	521118	43.14	ng		96
10) Phenol	6.63	94	1015798	36.56	ng		96
11) bis(2-Chloroethyl)ether	6.73	93	699217	32.87	ng		91
12) 1,3-Dichlorobenzene	6.94	146	729524	36.45	ng		98
13) 1,4-Dichlorobenzene	7.01	146	726553	35.74	ng		98
14) 1,2-Dichlorobenzene	7.17	146	777398	39.69	ng		99
15) Benzyl Alcohol	7.14	79	696954	38.37	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.27	45	1119068	31.02	ng		91
17) 2-Methylphenol	7.25	107	624471	37.82	ng		96
18) Hexachloroethane	7.51	117	292730	36.53	ng		98
19) n-Nitroso-di-n-propylamine	7.41	70	560654	32.00	ng	#	81
20) 3+4-Methylphenols	7.40	107	725829	33.96	ng		95
22) Acetophenone	7.41	105	1047390	39.03	ng	#	86
24) Nitrobenzene	7.58	77	937983	40.57	ng		96
25) Isophorone	7.82	82	1529007	35.91	ng		99
26) 2-Nitrophenol	7.90	139	397848	39.98	ng		95
27) 2,4-Dimethylphenol	7.94	122	750648	38.78	ng		100
28) bis(2-Chloroethoxy)methane	8.03	93	859523	34.13	ng	#	97
29) 2,4-Dichlorophenol	8.14	162	591492	40.20	ng		97
30) 1,2,4-Trichlorobenzene	8.22	180	553505	36.50	ng		99
31) Naphthalene	8.31	128	2031019	37.16	ng		97
32) Benzoic acid	8.05	122	511096	37.98	ng		94
33) 4-Chloroaniline	8.35	127	793684	35.13	ng		99
34) Hexachlorobutadiene	8.43	225	343136	40.50	ng		99
35) Caprolactam	8.74	113	194588	39.33	ng	#	83
36) 4-Chloro-3-methylphenol	8.83	107	636996	34.57	ng		94
37) 2-Methylnaphthalene	9.00	142	1244271	37.61	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.17	216	630864	39.63	ng		99
40) Hexachlorocyclopentadiene	9.16	237	229058	26.25	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.27	196	375947	34.22	ng		97
43) 2,4,5-Trichlorophenol	9.32	196	413642	39.82	ng	#	90
45) 1,1'-Biphenyl	9.47	154	1709381	38.20	ng		98
46) 2-Chloronaphthalene	9.49	162	1177090	35.60	ng		99
47) 2-Nitroaniline	9.58	65	469662	36.00	ng		94
48) Acenaphthylene	9.91	152	2083451	38.20	ng		99
49) Dimethylphthalate	9.77	163	1297388	33.55	ng		99
50) 2,6-Dinitrotoluene	9.82	165	297023	34.60	ng		92
51) Acenaphthene	10.09	154	1296576	38.12	ng		97
52) 3-Nitroaniline	9.99	138	338319	33.73	ng		92
53) 2,4-Dinitrophenol	10.10	184	109994	28.73	ng		94
54) Dibenzofuran	10.26	168	1712313	38.90	ng		99
55) 4-Nitrophenol	10.14	139	261999	29.86	ng		93
56) 2,4-Dinitrotoluene	10.23	165	439461	38.46	ng		92
57) Fluorene	10.60	166	1421667	38.43	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.37	232	315706	40.70	ng		91
59) Diethylphthalate	10.46	149	1450137	36.24	ng	#	90
60) 4-Chlorophenyl-phenylether	10.59	204	660270	39.25	ng		98
61) 4-Nitroaniline	10.61	138	379297	37.53	ng		95
62) Azobenzene	10.75	77	1508632	32.64	ng		90
64) 4,6-Dinitro-2-methylphenol	10.63	198	140439	25.29	ng		89
65) n-Nitrosodiphenylamine	10.70	169	1105841	35.52	ng		98
66) 4-Bromophenyl-phenylether	11.08	248	388324	42.64	ng		98
67) Hexachlorobenzene	11.15	284	425215	41.92	ng	#	92
68) Atrazine	11.23	200	326579	42.54	ng		97
69) Pentachlorophenol	11.34	266	211337	35.00	ng		98
70) Phenanthrene	11.56	178	1654281	34.77	ng		98
71) Anthracene	11.62	178	1958856	40.32	ng		99
72) Carbazole	11.77	167	1644095	36.42	ng		99
73) Di-n-butylphthalate	12.10	149	2073186	37.74	ng		99
74) Fluoranthene	12.75	202	1650605	35.37	ng		95
76) Benzidine	12.87	184	657244	41.18	ng		99
77) Pyrene	12.99	202	1786653	44.14	ng		98
79) Butylbenzylphthalate	13.61	149	937729	45.15	ng		99
80) Benzo(a)anthracene	14.18	228	1289906m	37.88	ng		
81) 3,3'-Dichlorobenzidine	14.13	252	441397	35.75	ng	#	96
82) Chrysene	14.21	228	1120496m	35.75	ng		
83) Bis(2-ethylhexyl)phthalate	14.17	149	1274237	43.17	ng		99
84) Di-n-octyl phthalate	14.78	149	1741130	39.78	ng	#	92
85) Indeno(1,2,3-cd)pyrene	17.21	276	1197724	53.60	ng		94
87) Benzo(b)fluoranthene	15.24	252	1213600	38.73	ng	#	94
88) Benzo(k)fluoranthene	15.28	252	893530m	30.36	ng		
89) Benzo(a)pyrene	15.62	252	1016464	37.64	ng	#	94
90) Dibenzo(a,h)anthracene	17.22	278	1016752	44.25	ng	#	92
91) Benzo(g,h,i)perylene	17.66	276	930839	42.22	ng		97

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

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