Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060416\
Data File : BF087657.D
Acq On : 4 Jun 2016 10:43
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
SOHIL
6/6/2016 7:22:37 PM

Quant Time: Jun 05 01:14:10 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 04 11:07:28 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	111970	20.00	ng		-0.01
21) Naphthalene-d8	8.15	136	458505	20.00	ng		0.00
38) Acenaphthene-d10	9.91	164	216798	20.00	ng		0.00
63) Phenanthrene-d10	11.38	188	390100	20.00	ng		0.00
75) Chrysene-d12	14.02	240	295231	20.00	ng		0.00
86) Perylene-d12	15.44	264	250884	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	596101	86.05	ng		0.00
7) Phenol-d6	6.49	99	718494	82.70	ng		0.00
23) Nitrobenzene-d5	7.43	82	626833	79.10	ng		0.00
41) 2,4,6-Tribromophenol	10.68	330	166846	76.67	ng		0.00
44) 2-Fluorobiphenyl	9.23	172	1183144	83.19	ng		0.00
78) Terphenyl-d14	12.97	244	947044	78.27	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.48	88	139195	41.57	ng	#	28
3) Pyridine	3.20	79	328507	37.14	ng		100
4) n-Nitrosodimethylamine	3.14	42	156088	41.77	ng		99
6) Aniline	6.52	93	499916	40.60	ng		100
8) 2-Chlorophenol	6.64	128	305220	38.29	ng		100
9) Benzaldehyde	6.41	77	240093	40.88	ng		98
10) Phenol	6.50	94	443523	44.83	ng		100
11) bis(2-Chloroethyl)ether	6.59	93	264370	36.78	ng		100
12) 1,3-Dichlorobenzene	6.80	146	323700	37.93	ng		99
13) 1,4-Dichlorobenzene	6.88	146	345743	40.37	ng		99
14) 1,2-Dichlorobenzene	7.04	146	307759	38.33	ng		99
15) Benzyl Alcohol	7.00	79	273240	42.57	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.14	45	410767	39.19	ng		98
17) 2-Methylphenol	7.11	107	257333	40.20	ng		99
18) Hexachloroethane	7.38	117	124839	41.68	ng		98
19) n-Nitroso-di-n-propylamine	7.28	70	201418	37.12	ng		99
20) 3+4-Methylphenols	7.27	107	295269	37.65	ng		99
22) Acetophenone	7.28	105	437270	42.11	ng		99
24) Nitrobenzene	7.45	77	344664	43.46	ng		100
25) Isophorone	7.69	82	585120	40.56	ng		99
26) 2-Nitrophenol	7.76	139	144562	39.23	ng		98
27) 2,4-Dimethylphenol	7.80	122	316286	41.41	ng		100
28) bis(2-Chloroethoxy)methane	7.91	93	343446	37.53	ng		99
29) 2,4-Dichlorophenol	8.00	162	250102	39.87	ng		99
30) 1,2,4-Trichlorobenzene	8.09	180	269143	40.97	ng		100
31) Naphthalene	8.17	128	914079	41.00	ng		100
32) Benzoic acid	7.91	122	205091	44.51	ng		97
33) 4-Chloroaniline	8.22	127	381469	39.39	ng		99
34) Hexachlorobutadiene	8.30	225	141389	41.40	ng		99
35) Caprolactam	8.59	113	79782	38.72	ng		97
36) 4-Chloro-3-methylphenol	8.70	107	268454	41.37	ng		99
37) 2-Methylnaphthalene	8.86	142	576481	39.16	ng	#	96
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	242659	40.61	ng	#	1
40) Hexachlorocyclopentadiene	9.02	237	137197	39.04	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	178774	39.62	ng		100
43) 2,4,5-Trichlorophenol	9.18	196	181804	43.29	ng		99
45) 1,1'-Biphenyl	9.32	154	664359	37.76	ng		99
46) 2-Chloronaphthalene	9.35	162	507232	36.22	ng		100
47) 2-Nitroaniline	9.44	65	146517	37.15	ng		100
48) Acenaphthylene	9.77	152	878965	40.24	ng		99
49) Dimethylphthalate	9.63	163	667901	42.38	ng		99
50) 2,6-Dinitrotoluene	9.69	165	158483	44.19	ng		97
51) Acenaphthene	9.94	154	564973	40.20	ng		100
52) 3-Nitroaniline	9.85	138	146927	35.82	ng		100
53) 2,4-Dinitrophenol	9.95	184	64797	41.76	ng		97
54) Dibenzofuran	10.11	168	795873	41.60	ng		100
55) 4-Nitrophenol	10.00	139	120479	34.37	ng		97
56) 2,4-Dinitrotoluene	10.09	165	204897	44.87	ng		100
57) Fluorene	10.44	166	554647	37.08	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.22	232	139969	38.69	ng	#	54
59) Diethylphthalate	10.33	149	611997	38.66	ng		100
60) 4-Chlorophenyl-phenylether	10.44	204	244168	40.85	ng		99
61) 4-Nitroaniline	10.47	138	173237	43.93	ng		99
62) Azobenzene	10.60	77	673207	42.25	ng		99
64) 4,6-Dinitro-2-methylphenol	10.49	198	85125	39.63	ng		98
65) n-Nitrosodiphenylamine	10.56	169	488826	38.26	ng		100
66) 4-Bromophenyl-phenylether	10.94	248	171521	44.34	ng		99
67) Hexachlorobenzene	10.99	284	164940	38.13	ng		99
68) Atrazine	11.09	200	153097	40.45	ng		89
69) Pentachlorophenol	11.19	266	111418	43.35	ng		99
70) Phenanthrene	11.41	178	784898	37.11	ng		100
71) Anthracene	11.46	178	911275	43.00	ng		100
72) Carbazole	11.61	167	780602	38.91	ng		100
73) Di-n-butylphthalate	11.95	149	945708	43.97	ng		100
74) Fluoranthene	12.59	202	887539	42.64	ng		99
76) Benzidine	12.72	184	522314	44.87	ng		100
77) Pyrene	12.82	202	907690	43.18	ng		100
79) Butylbenzylphthalate	13.45	149	391215	43.72	ng		98
80) Benzo(a)anthracene	14.01	228	708396	41.58	ng		99
81) 3,3'-Dichlorobenzidine	13.98	252	215744	44.88	ng		100
82) Chrysene	14.05	228	715671	42.20	ng		99
83) Bis(2-ethylhexyl)phthalate	14.01	149	469080	44.06	ng		100
84) Di-n-octyl phthalate	14.62	149	788861	39.85	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.83	276	582754	41.57	ng	#	100
87) Benzo(b)fluoranthene	15.04	252	697101m	42.71	ng		
88) Benzo(k)fluoranthene	15.06	252	505355m	37.22	ng		
89) Benzo(a)pyrene	15.38	252	562311	40.99	ng		99
90) Dibenzo(a,h)anthracene	16.86	278	484900	41.53	ng		100
91) Benzo(g,h,i)perylene	17.26	276	489425	41.55	ng		99

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

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