Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040416\
Data File : BF086060.D
Acq On : 5 Apr 2016 3:16
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
4/5/2016 6:39:19 PM

Quant Time: Apr 05 04:24:58 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 01 23:17:06 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	120856	20.00	ng		-0.01
21) Naphthalene-d8	8.05	136	461943	20.00	ng		-0.01
38) Acenaphthene-d10	9.80	164	180032	20.00	ng		-0.01
63) Phenanthrene-d10	11.29	188	281352	20.00	ng		-0.01
75) Chrysene-d12	13.93	240	216315	20.00	ng		0.00
86) Perylene-d12	15.32	264	166866	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.36	112	577127	81.62	ng		-0.01
7) Phenol-d6	6.42	99	716863	79.82	ng		0.00
23) Nitrobenzene-d5	7.33	82	627636	80.12	ng		-0.01
41) 2,4,6-Tribromophenol	10.59	330	103246	61.10	ng		-0.01
44) 2-Fluorobiphenyl	9.13	172	904170	83.50	ng		-0.01
78) Terphenyl-d14	12.87	244	713496	77.53	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.27	88	143720	42.87	ng		99
3) Pyridine	2.98	79	355113	47.32	ng		99
4) n-Nitrosodimethylamine	2.93	42	144546	43.80	ng		97
6) Aniline	6.43	93	454554	38.58	ng	#	49
8) 2-Chlorophenol	6.56	128	326514	38.72	ng		95
9) Benzaldehyde	6.32	77	199121	41.20	ng		91
10) Phenol	6.43	94	423746	41.36	ng	#	71
11) bis(2-Chloroethyl)ether	6.51	93	319482	39.38	ng		96
12) 1,3-Dichlorobenzene	6.70	146	354163	39.63	ng	#	95
13) 1,4-Dichlorobenzene	6.78	146	368489	40.02	ng		94
14) 1,2-Dichlorobenzene	6.93	146	318132	37.54	ng		96
15) Benzyl Alcohol	6.92	79	214072	36.84	ng		93
16) 2,2'-oxybis(1-Chloropropan	7.05	45	373100	37.65	ng		77
17) 2-Methylphenol	7.04	107	251199	37.78	ng		95
18) Hexachloroethane	7.28	117	84646	25.00	ng		98
19) n-Nitroso-di-n-propylamine	7.18	70	195227	35.07	ng	#	91
20) 3+4-Methylphenols	7.20	107	319655	39.53	ng	#	61
22) Acetophenone	7.18	105	451493	41.58	ng	#	91
24) Nitrobenzene	7.36	77	343892	40.13	ng		98
25) Isophorone	7.60	82	604943	39.12	ng		97
26) 2-Nitrophenol	7.68	139	114440	27.91	ng		94
27) 2,4-Dimethylphenol	7.72	122	298420	40.52	ng		95
28) bis(2-Chloroethoxy)methane	7.81	93	351196	38.71	ng		99
29) 2,4-Dichlorophenol	7.92	162	229657	36.89	ng		95
30) 1,2,4-Trichlorobenzene	8.00	180	263356	37.68	ng		97
31) Naphthalene	8.08	128	896529	38.58	ng		99
32) Benzoic acid	7.84	122	113862	21.08	ng		98
33) 4-Chloroaniline	8.13	127	362500	38.62	ng		99
34) Hexachlorobutadiene	8.19	225	146351	38.95	ng		99
35) Caprolactam	8.51	113	77779	39.38	ng		90
36) 4-Chloro-3-methylphenol	8.62	107	244536	34.94	ng		90
37) 2-Methylnaphthalene	8.76	142	493301	32.50	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.93	216	239475	44.26	ng		99
40) Hexachlorocyclopentadiene	8.91	237	492	5.72	ng		85

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.05	196	144818	41.68	ng		99
43) 2,4,5-Trichlorophenol	9.09	196	147747	41.88	ng	#	89
45) 1,1'-Biphenyl	9.23	154	667135	42.98	ng		96
46) 2-Chloronaphthalene	9.25	162	466432	41.45	ng		94
47) 2-Nitroaniline	9.36	65	152944	46.45	ng		99
48) Acenaphthylene	9.66	152	715757	39.71	ng		100
49) Dimethylphthalate	9.53	163	546116	40.93	ng		100
50) 2,6-Dinitrotoluene	9.60	165	97585	34.57	ng		93
51) Acenaphthene	9.84	154	409583	38.21	ng		99
52) 3-Nitroaniline	9.77	138	138512	40.71	ng		99
53) 2,4-Dinitrophenol	9.92	184	469	2.39	ng	#	9
54) Dibenzofuran	10.01	168	517351	36.54	ng		97
55) 4-Nitrophenol	9.95	139	61631	30.72	ng		95
56) 2,4-Dinitrotoluene	10.01	165	103827	29.10	ng	#	63
57) Fluorene	10.35	166	441639	36.52	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.13	232	91492	34.83	ng		98
59) Diethylphthalate	10.22	149	510870	37.93	ng		97
60) 4-Chlorophenyl-phenylether	10.34	204	205023	36.39	ng		92
61) 4-Nitroaniline	10.38	138	150733	44.98	ng		99
62) Azobenzene	10.50	77	471924	36.58	ng		96
65) n-Nitrosodiphenylamine	10.46	169	403492	45.86	ng		99
66) 4-Bromophenyl-phenylether	10.83	248	123650	43.05	ng		95
67) Hexachlorobenzene	10.90	284	118422	39.87	ng	#	81
68) Atrazine	10.99	200	88792	31.23	ng		97
69) Pentachlorophenol	11.10	266	50784	36.48	ng		98
70) Phenanthrene	11.31	178	613928	40.00	ng		100
71) Anthracene	11.36	178	600837	37.37	ng		100
72) Carbazole	11.52	167	516259	37.35	ng		98
73) Di-n-butylphthalate	11.85	149	752396	43.93	ng		100
74) Fluoranthene	12.50	202	614683	38.50	ng		91
76) Benzidine	12.63	184	359337	47.08	ng		99
77) Pyrene	12.73	202	619539	40.64	ng		100
79) Butylbenzylphthalate	13.35	149	309016	45.02	ng		99
80) Benzo(a)anthracene	13.92	228	496582	38.94	ng		99
81) 3,3'-Dichlorobenzidine	13.88	252	421540	45.26	ng	#	96
82) Chrysene	13.95	228	491551	40.02	ng		100
83) Bis(2-ethylhexyl)phthalate	13.91	149	418466	45.94	ng	#	94
84) Di-n-octyl phthalate	14.51	149	710312	48.83	ng		99
85) Indeno(1,2,3-cd)pyrene	16.68	276	367434	36.87	ng		98
87) Benzo(b)fluoranthene	14.93	252	429490m	40.92	ng		
88) Benzo(k)fluoranthene	14.96	252	357920m	38.51	ng		
89) Benzo(a)pyrene	15.27	252	362204	38.94	ng		97
90) Dibenzo(a,h)anthracene	16.69	278	313933	41.95	ng		98
91) Benzo(g,h,i)perylene	17.09	276	291383	40.24	ng		97

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

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