Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060916\
Data File : BF087845.D
Acq On : 9 Jun 2016 11:42
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Jun 09 16:05:44 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 07 18:51:55 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	115629	20.00	ng		-0.02
21) Naphthalene-d8	8.11	136	458583	20.00	ng		-0.01
38) Acenaphthene-d10	9.86	164	220216	20.00	ng		-0.02
63) Phenanthrene-d10	11.34	188	387142	20.00	ng		-0.02
75) Chrysene-d12	13.97	240	248272	20.00	ng		-0.02
86) Perylene-d12	15.36	264	208584	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	475497	70.30	ng		-0.02
7) Phenol-d6	6.46	99	629569	76.80	ng		-0.02
23) Nitrobenzene-d5	7.39	82	632362	80.52	ng		-0.02
41) 2,4,6-Tribromophenol	10.64	330	164070	70.56	ng		-0.03
44) 2-Fluorobiphenyl	9.19	172	1174068	83.67	ng		-0.02
78) Terphenyl-d14	12.91	244	846619	77.60	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	2.38	88	123129	37.46	ng	#	34
3) Pyridine	3.08	79	353121	45.51	ng		98
4) n-Nitrosodimethylamine	3.04	42	130851	39.82	ng		91
6) Aniline	6.48	93	446274	38.25	ng		96
8) 2-Chlorophenol	6.60	128	316572	39.54	ng		91
9) Benzaldehyde	6.36	77	195086	37.53	ng		91
10) Phenol	6.47	94	360061	42.40	ng		85
11) bis(2-Chloroethyl)ether	6.56	93	258882	36.02	ng		94
12) 1,3-Dichlorobenzene	6.76	146	337397m	39.28	ng		
13) 1,4-Dichlorobenzene	6.84	146	320431m	37.03	ng		
14) 1,2-Dichlorobenzene	6.99	146	315329m	40.07	ng		
15) Benzyl Alcohol	6.97	79	256870	40.05	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.11	45	372602	38.37	ng		94
17) 2-Methylphenol	7.08	107	255989	39.43	ng		96
18) Hexachloroethane	7.34	117	120532	39.26	ng		93
19) n-Nitroso-di-n-propylamine	7.24	70	208188	39.70	ng		91
20) 3+4-Methylphenols	7.23	107	269609	35.59	ng	#	79
22) Acetophenone	7.23	105	370382	36.14	ng	#	86
24) Nitrobenzene	7.40	77	269966	35.49	ng	#	86
25) Isophorone	7.66	82	558551	38.40	ng	#	93
26) 2-Nitrophenol	7.72	139	175341	43.03	ng	#	86
27) 2,4-Dimethylphenol	7.77	122	306168	40.81	ng		99
28) bis(2-Chloroethoxy)methane	7.86	93	337843	37.45	ng	#	97
29) 2,4-Dichlorophenol	7.96	162	244596	39.05	ng		99
30) 1,2,4-Trichlorobenzene	8.06	180	260404	38.18	ng		97
31) Naphthalene	8.14	128	878908	38.73	ng		99
32) Benzoic acid	7.87	122	165285	40.01	ng		97
33) 4-Chloroaniline	8.18	127	415241	40.98	ng	#	94
34) Hexachlorobutadiene	8.25	225	139966	38.91	ng		99
35) Caprolactam	8.56	113	83693	40.33	ng	#	67
36) 4-Chloro-3-methylphenol	8.66	107	276752	41.31	ng		93
37) 2-Methylnaphthalene	8.82	142	604231	40.40	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	229139	37.93	ng	#	1
40) Hexachlorocyclopentadiene	8.97	237	140029	39.42	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.10	196	186416	42.33	ng		98
43) 2,4,5-Trichlorophenol	9.13	196	159546	34.82	ng	#	89
45) 1,1'-Biphenyl	9.28	154	631539	37.12	ng		100
46) 2-Chloronaphthalene	9.30	162	495347	34.76	ng		99
47) 2-Nitroaniline	9.40	65	163502	38.89	ng	#	56
48) Acenaphthylene	9.71	152	828103	36.53	ng		100
49) Dimethylphthalate	9.59	163	649571	40.72	ng		100
50) 2,6-Dinitrotoluene	9.64	165	150116	41.09	ng	#	86
51) Acenaphthene	9.90	154	526799	37.25	ng		100
52) 3-Nitroaniline	9.82	138	167122	39.64	ng	#	66
53) 2,4-Dinitrophenol	9.91	184	63879	37.80	ng	#	79
54) Dibenzofuran	10.06	168	726151	37.29	ng	#	89
55) 4-Nitrophenol	9.96	139	107206	32.77	ng		95
56) 2,4-Dinitrotoluene	10.04	165	201815	42.99	ng	#	84
57) Fluorene	10.40	166	488758	36.20	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.18	232	148531	41.25	ng	#	59
59) Diethylphthalate	10.28	149	624946	38.70	ng		98
60) 4-Chlorophenyl-phenylether	10.40	204	249099	38.46	ng		94
61) 4-Nitroaniline	10.42	138	157539	39.40	ng		99
62) Azobenzene	10.56	77	641058	40.15	ng		91
64) 4,6-Dinitro-2-methylphenol	10.44	198	88131	36.98	ng		93
65) n-Nitrosodiphenylamine	10.51	169	464471	36.16	ng		99
66) 4-Bromophenyl-phenylether	10.88	248	157346	37.88	ng	#	75
67) Hexachlorobenzene	10.95	284	174233	40.37	ng	#	89
68) Atrazine	11.04	200	140076	36.01	ng		91
69) Pentachlorophenol	11.14	266	102094	44.88	ng		99
70) Phenanthrene	11.36	178	793986	39.08	ng		99
71) Anthracene	11.41	178	772042	37.68	ng		100
72) Carbazole	11.57	167	779660	40.66	ng		100
73) Di-n-butylphthalate	11.90	149	835824	34.43	ng		100
74) Fluoranthene	12.54	202	744412	34.72	ng		98
76) Benzidine	12.66	184	355944	51.78	ng		99
77) Pyrene	12.77	202	757791	41.13	ng		100
79) Butylbenzylphthalate	13.39	149	363121	44.58	ng		92
80) Benzo(a)anthracene	13.94	228	591797	41.83	ng		99
81) 3,3'-Dichlorobenzidine	13.92	252	161724	42.51	ng	#	99
82) Chrysene	13.99	228	622114	46.74	ng		98
83) Bis(2-ethylhexyl)phthalate	13.95	149	416993	42.06	ng	#	95
84) Di-n-octyl phthalate	14.56	149	631034	39.17	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.73	276	582621	47.11	ng	#	100
87) Benzo(b)fluoranthene	14.96	252	607860m	41.81	ng		
88) Benzo(k)fluoranthene	14.99	252	366500m	33.42	ng		
89) Benzo(a)pyrene	15.30	252	466305	39.64	ng		100
90) Dibenzo(a,h)anthracene	16.74	278	478318	43.78	ng		99
91) Benzo(g,h,i)perylene	17.14	276	509445	45.33	ng		95

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

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