Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF091616\
Data File : BF090102.D
Acq On : 16 Sep 2016 11:54
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Sep 16 19:11:21 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 15 11:18:43 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.55	152	182652m	20.00	ng		0.00
21) Naphthalene-d8	7.84	136	738418	20.00	ng		0.00
38) Acenaphthene-d10	9.58	164	347535	20.00	ng		-0.01
63) Phenanthrene-d10	11.04	188	607621	20.00	ng		-0.01
75) Chrysene-d12	13.66	240	438933	20.00	ng		-0.01
86) Perylene-d12	14.98	264	386908	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.11	112	942773	83.01	ng		-0.01
7) Phenol-d6	6.20	99	1208992	81.31	ng		0.00
23) Nitrobenzene-d5	7.12	82	1017403	77.47	ng		-0.01
41) 2,4,6-Tribromophenol	10.36	330	288437	82.62	ng		-0.01
44) 2-Fluorobiphenyl	8.91	172	1444437	65.27	ng		-0.01
78) Terphenyl-d14	12.63	244	1321923	71.52	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	1.96	88	241564	40.74	ng		95
3) Pyridine	2.57	79	609822	40.56	ng		99
4) n-Nitrosodimethylamine	2.54	42	183498	38.79	ng		96
6) Aniline	6.20	93	727082m	39.40	ng		
8) 2-Chlorophenol	6.33	128	538134	41.13	ng		86
9) Benzaldehyde	6.08	77	320578	40.45	ng		97
10) Phenol	6.22	94	732082m	43.87	ng		
11) bis(2-Chloroethyl)ether	6.30	93	571242	42.68	ng		91
12) 1,3-Dichlorobenzene	6.48	146	516521m	38.38	ng		
13) 1,4-Dichlorobenzene	6.56	146	526780m	37.91	ng		
14) 1,2-Dichlorobenzene	6.72	146	498491	39.48	ng		97
15) Benzyl Alcohol	6.71	79	349085	41.69	ng		92
16) 2,2'-oxybis(1-Chloropropan	6.84	45	643576	40.58	ng		96
17) 2-Methylphenol	6.82	107	423074	39.53	ng		98
18) Hexachloroethane	7.06	117	197944	39.26	ng	#	79
19) n-Nitroso-di-n-propylamine	6.98	70	332789	36.02	ng		99
20) 3+4-Methylphenols	6.98	107	515051	39.64	ng		94
22) Acetophenone	6.97	105	742905	41.56	ng	#	98
24) Nitrobenzene	7.14	77	595896	43.07	ng	#	83
25) Isophorone	7.38	82	1049719	38.17	ng		98
26) 2-Nitrophenol	7.45	139	266887	39.79	ng		94
27) 2,4-Dimethylphenol	7.51	122	449320	38.07	ng		99
28) bis(2-Chloroethoxy)methane	7.60	93	640788	39.73	ng		99
29) 2,4-Dichlorophenol	7.70	162	435185	41.74	ng		94
30) 1,2,4-Trichlorobenzene	7.78	180	412674	40.12	ng		96
31) Naphthalene	7.85	128	1400606	38.59	ng		100
32) Benzoic acid	7.67	122	387837	40.93	ng		98
33) 4-Chloroaniline	7.92	127	607633	39.34	ng	#	91
34) Hexachlorobutadiene	7.98	225	204767	38.88	ng		99
35) Caprolactam	8.31	113	150590	43.25	ng	#	76
36) 4-Chloro-3-methylphenol	8.41	107	510739	42.20	ng		97
37) 2-Methylnaphthalene	8.55	142	912965	40.56	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.71	216	342347	38.31	ng		98
40) Hexachlorocyclopentadiene	8.71	237	186269	40.11	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.83	196	274102	42.32	ng		99
43) 2,4,5-Trichlorophenol	8.87	196	281913	40.46	ng	#	89
45) 1,1'-Biphenyl	9.02	154	1161920	40.86	ng		96
46) 2-Chloronaphthalene	9.03	162	788202	37.40	ng		98
47) 2-Nitroaniline	9.13	65	264564	39.33	ng		85
48) Acenaphthylene	9.44	152	1313801	37.12	ng		99
49) Dimethylphthalate	9.32	163	993131	38.47	ng		99
50) 2,6-Dinitrotoluene	9.38	165	249644	43.28	ng	#	75
51) Acenaphthene	9.61	154	812004	41.08	ng		99
52) 3-Nitroaniline	9.54	138	263846	37.59	ng		93
53) 2,4-Dinitrophenol	9.64	184	127723	40.73	ng	#	81
54) Dibenzofuran	9.78	168	1021336	37.36	ng		95
55) 4-Nitrophenol	9.71	139	196713	39.83	ng	#	79
56) 2,4-Dinitrotoluene	9.78	165	270895	38.52	ng	#	79
57) Fluorene	10.12	166	842238	41.21	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.91	232	216035	40.65	ng		98
59) Diethylphthalate	10.02	149	999556	40.00	ng		96
60) 4-Chlorophenyl-phenylether	10.12	204	339385	41.02	ng	#	83
61) 4-Nitroaniline	10.16	138	293942	41.38	ng		96
62) Azobenzene	10.27	77	995326	37.95	ng		97
64) 4,6-Dinitro-2-methylphenol	10.18	198	161388	39.39	ng		75
65) n-Nitrosodiphenylamine	10.24	169	731269	37.98	ng		100
66) 4-Bromophenyl-phenylether	10.60	248	242669	41.43	ng	#	91
67) Hexachlorobenzene	10.66	284	253075	36.67	ng	#	88
68) Atrazine	10.78	200	228140	39.88	ng		97
69) Pentachlorophenol	10.86	266	172494	42.66	ng		99
70) Phenanthrene	11.07	178	1220233	41.56	ng		99
71) Anthracene	11.12	178	1166839	36.40	ng		99
72) Carbazole	11.28	167	1240473	37.72	ng		99
73) Di-n-butylphthalate	11.62	149	1493024	40.48	ng		100
74) Fluoranthene	12.24	202	1100792	35.78	ng		97
76) Benzidine	12.38	184	734747	41.04	ng		97
77) Pyrene	12.47	202	1213515	37.88	ng		100
79) Butylbenzylphthalate	13.11	149	646310	40.51	ng		88
80) Benzo(a)anthracene	13.65	228	991087	38.68	ng		99
81) 3,3'-Dichlorobenzidine	13.62	252	415796	38.72	ng	#	98
82) Chrysene	13.68	228	841976	35.03	ng		100
83) Bis(2-ethylhexyl)phthalate	13.67	149	764523	38.75	ng		99
84) Di-n-octyl phthalate	14.27	149	1341262	38.03	ng		99
85) Indeno(1,2,3-cd)pyrene	16.16	276	766870	36.72	ng		99
87) Benzo(b)fluoranthene	14.63	252	1050991m	46.34	ng		
88) Benzo(k)fluoranthene	14.66	252	675478m	33.08	ng		
89) Benzo(a)pyrene	14.94	252	796437	39.16	ng		99
90) Dibenzo(a,h)anthracene	16.17	278	641889	40.30	ng	#	94
91) Benzo(g,h,i)perylene	16.51	276	626301	41.20	ng		96

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

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