Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112615\
Data File : BF083323.D
Acq On : 26 Nov 2015 16:58
Operator : UM/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Nov 27 00:20:37 2015
Quant Method : Z:\HPCHEM1\BNA F\Methods\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Nov 22 09:22:46 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.59	152	217165	20.00	ng		-0.07
21) Naphthalene-d8	7.88	136	769179	20.00	ng		-0.07
38) Acenaphthene-d10	9.63	164	324281	20.00	ng		-0.07
63) Phenanthrene-d10	11.10	188	554157	20.00	ng		-0.08
75) Chrysene-d12	13.73	240	531017	20.00	ng		-0.08
86) Perylene-d12	15.07	264	435568	20.00	ng		-0.09
System Monitoring Compounds							
5) 2-Fluorophenol	5.18	112	1114902	77.62	ng		-0.10
7) Phenol-d6	6.26	99	1415675	76.17	ng		-0.08
23) Nitrobenzene-d5	7.16	82	1333592	79.22	ng		-0.07
41) 2,4,6-Tribromophenol	10.42	330	237138	71.48	ng		-0.07
44) 2-Fluorobiphenyl	8.96	172	1859762	79.97	ng		-0.07
78) Terphenyl-d14	12.69	244	1558539	69.11	ng		-0.08
Target Compounds							Qvalue
2) 1,4-Dioxane	2.01	88	213663m	30.03	ng		
3) Pyridine	2.64	79	747536m	39.78	ng		
4) n-Nitrosodimethylamine	2.60	42	415863	47.98	ng		97
6) Aniline	6.26	93	1033067	45.48	ng		97
8) 2-Chlorophenol	6.39	128	606131	39.06	ng		85
9) Benzaldehyde	6.14	77	396429	43.72	ng		92
10) Phenol	6.27	94	789893	35.13	ng		87
11) bis(2-Chloroethyl)ether	6.34	93	686667	42.77	ng		97
12) 1,3-Dichlorobenzene	6.52	146	677746	38.25	ng		100
13) 1,4-Dichlorobenzene	6.60	146	681863	38.04	ng		99
14) 1,2-Dichlorobenzene	6.76	146	669456	41.09	ng		100
15) Benzyl Alcohol	6.75	79	535265	34.46	ng		95
16) 2,2'-oxybis(1-Chloropropan	6.89	45	1193347	47.67	ng	#	68
17) 2-Methylphenol	6.88	107	481073	37.46	ng		98
18) Hexachloroethane	7.11	117	203648	32.25	ng		97
19) n-Nitroso-di-n-propylamine	7.03	70	520576	40.25	ng		99
20) 3+4-Methylphenols	7.04	107	628680	38.73	ng		94
22) Acetophenone	7.02	105	911011	41.26	ng	#	99
24) Nitrobenzene	7.19	77	769524	42.78	ng		98
25) Isophorone	7.43	82	1295964	40.66	ng		99
26) 2-Nitrophenol	7.51	139	248203	31.26	ng		89
27) 2,4-Dimethylphenol	7.56	122	501853	39.60	ng		95
28) bis(2-Chloroethoxy)methane	7.64	93	739102	39.89	ng		98
29) 2,4-Dichlorophenol	7.76	162	465341	38.61	ng		96
30) 1,2,4-Trichlorobenzene	7.83	180	528462	39.92	ng		97
31) Naphthalene	7.91	128	1625551	39.16	ng		99
32) Benzoic acid	7.71	122	253062	25.69	ng		97
33) 4-Chloroaniline	7.96	127	666112	41.36	ng		95
34) Hexachlorobutadiene	8.03	225	307992	39.36	ng		97
35) Caprolactam	8.35	113	140880m	36.47	ng		
36) 4-Chloro-3-methylphenol	8.47	107	491566	35.21	ng		92
37) 2-Methylnaphthalene	8.59	142	996159	36.98	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.76	216	473611	45.06	ng		99
40) Hexachlorocyclopentadiene	8.75	237	53258	8.91	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.88	196	292528	38.86	ng		100
43) 2,4,5-Trichlorophenol	8.92	196	294078	38.21	ng	#	81
45) 1,1'-Biphenyl	9.06	154	1252854	45.39	ng		98
46) 2-Chloronaphthalene	9.08	162	901135	41.57	ng		98
47) 2-Nitroaniline	9.19	65	377481	49.22	ng		91
48) Acenaphthylene	9.48	152	1328040	39.53	ng		99
49) Dimethylphthalate	9.37	163	1030903	41.29	ng		100
50) 2,6-Dinitrotoluene	9.43	165	201697	36.01	ng		94
51) Acenaphthene	9.67	154	793413	38.80	ng		99
52) 3-Nitroaniline	9.60	138	274199	45.91	ng	#	74
53) 2,4-Dinitrophenol	9.70	184	21371	6.62	ng	#	74
54) Dibenzofuran	9.83	168	1104451	38.20	ng		97
55) 4-Nitrophenol	9.79	139	150333m	32.82	ng		
56) 2,4-Dinitrotoluene	9.83	165	235879	33.23	ng		94
57) Fluorene	10.17	166	820891	34.36	ng		98
58) 2,3,4,6-Tetrachlorophenol	9.96	232	242843	38.46	ng	#	94
59) Diethylphthalate	10.07	149	1065232	42.86	ng		98
60) 4-Chlorophenyl-phenylether	10.17	204	428326	39.14	ng		92
61) 4-Nitroaniline	10.20	138	263752	44.85	ng		91
62) Azobenzene	10.33	77	1185893	41.81	ng		96
64) 4,6-Dinitro-2-methylphenol	10.24	198	40494	10.61	ng		99
65) n-Nitrosodiphenylamine	10.30	169	837274	44.42	ng		100
66) 4-Bromophenyl-phenylether	10.66	248	244666	39.79	ng	#	87
67) Hexachlorobenzene	10.72	284	260968	38.54	ng		97
68) Atrazine	10.82	200	183932	33.61	ng		98
69) Pentachlorophenol	10.92	266	151815	34.42	ng		97
70) Phenanthrene	11.13	178	1295996	40.59	ng		98
71) Anthracene	11.18	178	1316220	40.41	ng		99
72) Carbazole	11.34	167	1109643	38.33	ng		99
73) Di-n-butylphthalate	11.68	149	1459369	41.30	ng		100
74) Fluoranthene	12.31	202	1420166	43.46	ng		98
76) Benzidine	12.45	184	731351	52.55	ng		99
77) Pyrene	12.53	202	1359260	37.47	ng		99
79) Butylbenzylphthalate	13.17	149	662633	38.59	ng		92
80) Benzo(a)anthracene	13.71	228	1330603	40.52	ng		100
81) 3,3'-Dichlorobenzidine	13.69	252	505669	44.24	ng	#	99
82) Chrysene	13.76	228	1229396	40.37	ng		97
83) Bis(2-ethylhexyl)phthalate	13.74	149	950105	42.37	ng	#	94
84) Di-n-octyl phthalate	14.34	149	1713209	44.38	ng		95
85) Indeno(1,2,3-cd)pyrene	16.31	276	919959	33.21	ng		96
87) Benzo(b)fluoranthene	14.72	252	1306381m	43.90	ng		
88) Benzo(k)fluoranthene	14.74	252	842240m	37.98	ng		
89) Benzo(a)pyrene	15.03	252	945686	38.49	ng	#	98
90) Dibenzo(a,h)anthracene	16.32	278	781407	35.01	ng		99
91) Benzo(g,h,i)perylene	16.66	276	715322	32.83	ng	#	92

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

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