Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041415\
Data File : BF078504.D
Acq On : 14 Apr 2015 16:51
Operator : TP/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Apr 15 01:16:37 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 15 01:00:44 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	34438	20.00	ng		-0.03
21) Naphthalene-d8	8.39	136	155299	20.00	ng		-0.02
38) Acenaphthene-d10	10.54	164	80676	20.00	ng		-0.03
63) Phenanthrene-d10	12.37	188	168626	20.00	ng		-0.02
75) Chrysene-d12	15.66	240	186359	20.00	ng		0.01
86) Perylene-d12	17.49	264	197766	20.00	ng		0.13
System Monitoring Compounds							
5) 2-Fluorophenol	5.05	112	170972	81.86	ng		-0.03
7) Phenol-d6	6.41	99	224034	85.59	ng		-0.02
23) Nitrobenzene-d5	7.51	82	198003	77.28	ng		-0.03
41) 2,4,6-Tribromophenol	11.52	330	59383	88.75	ng		-0.02
44) 2-Fluorobiphenyl	9.74	172	449477	79.64	ng		-0.02
78) Terphenyl-d14	14.35	244	571984	69.35	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	1.59	88	102312	108.32	ng	#	51
3) Pyridine	2.15	79	100921	40.79	ng		99
4) n-Nitrosodimethylamine	2.10	42	47007	49.36	ng		98
6) Aniline	6.39	93	159215	42.89	ng		90
8) 2-Chlorophenol	6.54	128	101108	40.94	ng		98
9) Benzaldehyde	6.24	77	63856	36.81	ng		93
10) Phenol	6.42	94	132380	42.21	ng		95
11) bis(2-Chloroethyl)ether	6.51	93	92783	41.14	ng		97
12) 1,3-Dichlorobenzene	6.72	146	106509	39.26	ng		98
13) 1,4-Dichlorobenzene	6.82	146	107299	39.29	ng		98
14) 1,2-Dichlorobenzene	7.00	146	101309	39.57	ng		99
15) Benzyl Alcohol	7.00	79	84375	45.87	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.19	45	123583	41.08	ng		95
17) 2-Methylphenol	7.18	107	82011	42.77	ng		96
18) Hexachloroethane	7.42	117	35823	38.90	ng	#	72
19) n-Nitroso-di-n-propylamine	7.35	70	79673	46.13	ng		92
20) 3+4-Methylphenols	7.37	107	107977	42.21	ng		95
22) Acetophenone	7.32	105	145501	40.21	ng	#	91
24) Nitrobenzene	7.53	77	107257	40.04	ng	#	82
25) Isophorone	7.84	82	211601	43.51	ng		99
26) 2-Nitrophenol	7.93	139	53532	41.94	ng	#	90
27) 2,4-Dimethylphenol	8.01	122	88750	37.39	ng		92
28) bis(2-Chloroethoxy)methane	8.12	93	117889	37.81	ng		97
29) 2,4-Dichlorophenol	8.23	162	84860	39.30	ng		88
30) 1,2,4-Trichlorobenzene	8.32	180	88816	35.87	ng		96
31) Naphthalene	8.41	128	320810	39.69	ng		100
32) Benzoic acid	8.17	122	58498	51.88	ng		98
33) 4-Chloroaniline	8.50	127	143484	42.78	ng		97
34) Hexachlorobutadiene	8.57	225	51629	37.98	ng		98
35) Caprolactam	8.95	113	30385	47.14	ng		95
36) 4-Chloro-3-methylphenol	9.13	107	94147	43.21	ng	#	85
37) 2-Methylnaphthalene	9.27	142	221323	40.33	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.47	216	91616	36.65	ng		98
40) Hexachlorocyclopentadiene	9.46	237	29967	32.29	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.63	196	64342	40.81	ng		97
43) 2,4,5-Trichlorophenol	9.68	196	66284	40.25	ng	#	90
45) 1,1'-Biphenyl	9.85	154	256289	38.84	ng		99
46) 2-Chloronaphthalene	9.86	162	200647	38.64	ng		99
47) 2-Nitroaniline	10.01	65	65733	51.17	ng	#	69
48) Acenaphthylene	10.36	152	329532	39.30	ng		98
49) Dimethylphthalate	10.25	163	241217	39.80	ng		99
50) 2,6-Dinitrotoluene	10.32	165	51975	41.68	ng	#	53
51) Acenaphthene	10.58	154	188331	39.90	ng		100
52) 3-Nitroaniline	10.51	138	65371	46.10	ng		85
53) 2,4-Dinitrophenol	10.66	184	19933	51.00	ng	#	85
54) Dibenzofuran	10.80	168	293369	40.69	ng		96
55) 4-Nitrophenol	10.76	139	41098m	40.77	ng		
56) 2,4-Dinitrotoluene	10.81	165	73623	45.59	ng	#	75
57) Fluorene	11.22	166	242082	41.42	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.96	232	51983	42.57	ng		99
59) Diethylphthalate	11.12	149	238539	40.82	ng		97
60) 4-Chlorophenyl-phenylether	11.23	204	107085	39.83	ng	#	80
61) 4-Nitroaniline	11.27	138	61380	42.82	ng		94
62) Azobenzene	11.43	77	221256	41.48	ng		95
64) 4,6-Dinitro-2-methylphenol	11.31	198	34521	42.45	ng	#	67
65) n-Nitrosodiphenylamine	11.38	169	210388	36.07	ng		99
66) 4-Bromophenyl-phenylether	11.83	248	64573	36.16	ng		93
67) Hexachlorobenzene	11.89	284	68774	35.14	ng		98
68) Atrazine	12.07	200	64284	38.05	ng		96
69) Pentachlorophenol	12.14	266	36425	45.66	ng		100
70) Phenanthrene	12.39	178	359752	36.88	ng		99
71) Anthracene	12.46	178	371558	38.66	ng		100
72) Carbazole	12.67	167	372279	41.33	ng		99
73) Di-n-butylphthalate	13.14	149	411589	40.33	ng		99
74) Fluoranthene	13.85	202	405361	39.41	ng		98
76) Benzidine	14.06	184	201534	28.09	ng		98
77) Pyrene	14.13	202	415131	35.48	ng		98
79) Butylbenzylphthalate	14.99	149	200231	44.91	ng	#	80
80) Benzo(a)anthracene	15.65	228	427757	38.58	ng		99
81) 3,3'-Dichlorobenzidine	15.63	252	155922	41.99	ng	#	98
82) Chrysene	15.69	228	402743	38.66	ng		99
83) Bis(2-ethylhexyl)phthalate	15.75	149	273240	39.07	ng		99
84) Di-n-octyl phthalate	16.58	149	499075m	43.46	ng		
85) Indeno(1,2,3-cd)pyrene	18.81	276	497662	42.10	ng	#	86
87) Benzo(b)fluoranthene	17.02	252	443231m	36.26	ng		
88) Benzo(k)fluoranthene	17.05	252	414719	38.18	ng	#	95
89) Benzo(a)pyrene	17.42	252	416642	39.06	ng	#	95
90) Dibenzo(a,h)anthracene	18.83	278	420897m	39.41	ng		
91) Benzo(g,h,i)perylene	19.15	276	421602m	39.37	ng		

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

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