Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120315\
Data File : BF083484.D
Acq On : 4 Dec 2015 3:27
Operator : UM/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Dec 04 03:56:25 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 01 01:17:16 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.53	152	177894m	20.00	ng		-0.01
21) Naphthalene-d8	7.82	136	665913	20.00	ng		-0.01
38) Acenaphthene-d10	9.56	164	293998	20.00	ng		-0.02
63) Phenanthrene-d10	11.09	188	484517	20.00	ng		-0.03
75) Chrysene-d12	14.72	240	391796	20.00	ng		-0.05
86) Perylene-d12	16.77	264	323128	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.12	112	961257	81.08	ng		-0.01
7) Phenol-d6	6.21	99	1247765	76.90	ng		-0.01
23) Nitrobenzene-d5	7.12	82	1152328	76.07	ng		-0.01
41) 2,4,6-Tribromophenol	10.35	330	183679	62.24	ng		-0.03
44) 2-Fluorobiphenyl	8.90	172	1560304	75.63	ng		-0.02
78) Terphenyl-d14	13.19	244	1219418	74.23	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	1.93	88	221035	34.43	ng		99
3) Pyridine	2.53	79	677530	42.19	ng		98
4) n-Nitrosodimethylamine	2.50	42	311331	39.39	ng		96
6) Aniline	6.20	93	852913	38.42	ng		95
8) 2-Chlorophenol	6.33	128	498873	38.15	ng		88
9) Benzaldehyde	6.06	77	326529m	42.39	ng		
10) Phenol	6.22	94	771632	39.52	ng		98
11) bis(2-Chloroethyl)ether	6.28	93	550005	38.73	ng		91
12) 1,3-Dichlorobenzene	6.46	146	544703m	37.47	ng		
13) 1,4-Dichlorobenzene	6.54	146	555308m	36.96	ng		
14) 1,2-Dichlorobenzene	6.70	146	530745	38.50	ng		96
15) Benzyl Alcohol	6.69	79	452746	36.10	ng		93
16) 2,2'-oxybis(1-Chloropropan	6.83	45	916811	36.79	ng		55
17) 2-Methylphenol	6.83	107	422210	38.73	ng		96
18) Hexachloroethane	7.05	117	162468	31.14	ng	#	73
19) n-Nitroso-di-n-propylamine	6.97	70	409234	35.28	ng		88
20) 3+4-Methylphenols	6.99	107	555735	37.64	ng		98
22) Acetophenone	6.96	105	742592	37.27	ng	#	94
24) Nitrobenzene	7.13	77	592595	36.63	ng	#	87
25) Isophorone	7.38	82	1071047	36.50	ng		97
26) 2-Nitrophenol	7.45	139	233562	35.37	ng	#	82
27) 2,4-Dimethylphenol	7.52	122	429830	38.83	ng		96
28) bis(2-Chloroethoxy)methane	7.60	93	661661	39.60	ng		98
29) 2,4-Dichlorophenol	7.70	162	398776	37.46	ng		98
30) 1,2,4-Trichlorobenzene	7.77	180	429809	37.09	ng		97
31) Naphthalene	7.85	128	1407580	38.96	ng		99
32) Benzoic acid	7.66	122	196592	25.75	ng		97
33) 4-Chloroaniline	7.90	127	541794	34.79	ng	#	89
34) Hexachlorobutadiene	7.97	225	261399	39.73	ng		98
35) Caprolactam	8.29	113	114273	33.97	ng		95
36) 4-Chloro-3-methylphenol	8.41	107	410253	34.36	ng	#	81
37) 2-Methylnaphthalene	8.53	142	856013	35.45	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.70	216	402296	43.17	ng		98
42) 2,4,6-Trichlorophenol	8.83	196	262598	40.17	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	8.88	196	257726	38.05	ng	#	94
45) 1,1'-Biphenyl	9.00	154	1073541	41.64	ng		98
46) 2-Chloronaphthalene	9.02	162	765247	38.95	ng	#	91
47) 2-Nitroaniline	9.13	65	331931	42.66	ng		85
48) Acenaphthylene	9.42	152	1161452	37.06	ng		100
49) Dimethylphthalate	9.31	163	904684	37.86	ng		100
50) 2,6-Dinitrotoluene	9.37	165	174651	34.23	ng		85
51) Acenaphthene	9.60	154	655453	35.56	ng		98
52) 3-Nitroaniline	9.54	138	239670	40.08	ng		98
53) 2,4-Dinitrophenol	9.66	184	7637	4.23	ng		90
54) Dibenzofuran	9.77	168	961362	35.59	ng		99
55) 4-Nitrophenol	9.73	139	139597m	37.32	ng		
56) 2,4-Dinitrotoluene	9.77	165	211163	32.62	ng	#	77
57) Fluorene	10.11	166	791391	37.10	ng		98
58) 2,3,4,6-Tetrachlorophenol	9.90	232	184209	33.71	ng		99
59) Diethylphthalate	10.01	149	948691	41.66	ng		98
60) 4-Chlorophenyl-phenylether	10.11	204	374919	38.25	ng		97
61) 4-Nitroaniline	10.14	138	221840	37.07	ng		92
62) Azobenzene	10.27	77	985690	35.83	ng		91
64) 4,6-Dinitro-2-methylphenol	10.18	198	17497	5.38	ng	#	71
65) n-Nitrosodiphenylamine	10.24	169	736659	43.27	ng		99
66) 4-Bromophenyl-phenylether	10.60	248	217055	40.95	ng	#	80
67) Hexachlorobenzene	10.67	284	223324	38.11	ng	#	70
68) Atrazine	10.80	200	179672	38.15	ng		98
69) Pentachlorophenol	10.90	266	106725	34.77	ng		98
70) Phenanthrene	11.13	178	1080723	37.69	ng		99
71) Anthracene	11.18	178	1050533	36.39	ng		100
72) Carbazole	11.38	167	939673	36.23	ng		99
73) Di-n-butylphthalate	11.82	149	1336051	43.47	ng		99
74) Fluoranthene	12.63	202	986667	33.20	ng		98
76) Benzidine	12.83	184	549285	47.07	ng		99
77) Pyrene	12.93	202	994891	36.36	ng		100
79) Butylbenzylphthalate	13.93	149	479476	41.31	ng	#	81
80) Benzo(a)anthracene	14.71	228	921725	38.40	ng		98
81) 3,3'-Dichlorobenzidine	14.69	252	331757	44.25	ng	#	97
82) Chrysene	14.75	228	882253	38.04	ng		99
83) Bis(2-ethylhexyl)phthalate	14.83	149	671393	43.12	ng		100
84) Di-n-octyl phthalate	15.79	149	1138373	49.10	ng		100
85) Indeno(1,2,3-cd)pyrene	18.16	276	649006	38.42	ng		100
87) Benzo(b)fluoranthene	16.27	252	763785m	36.84	ng		
88) Benzo(k)fluoranthene	16.31	252	768739	39.27	ng		98
89) Benzo(a)pyrene	16.71	252	688833	38.68	ng	#	98
90) Dibenzo(a,h)anthracene	18.18	278	560685	36.13	ng		97
91) Benzo(g,h,i)perylene	18.52	276	498736	32.75	ng	#	95

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

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