Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040615\
Data File : BF078251.D
Acq On : 6 Apr 2015 12:26
Operator : TP/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Apr 07 01:13:32 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 03 14:42:25 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	42280	20.00	ng		0.00
21) Naphthalene-d8	8.56	136	174894	20.00	ng		0.00
38) Acenaphthene-d10	10.72	164	86875	20.00	ng		-0.01
63) Phenanthrene-d10	12.56	188	165516	20.00	ng		0.00
75) Chrysene-d12	15.85	240	177089	20.00	ng		0.01
86) Perylene-d12	17.64	264	170938	20.00	ng		0.09
System Monitoring Compounds							
5) 2-Fluorophenol	5.26	112	200021	78.00	ng		0.00
7) Phenol-d6	6.58	99	250492	77.95	ng		0.01
23) Nitrobenzene-d5	7.68	82	220521	76.43	ng		0.00
41) 2,4,6-Tribromophenol	11.70	330	65530	90.95	ng		-0.01
44) 2-Fluorobiphenyl	9.90	172	471416	77.57	ng		0.00
78) Terphenyl-d14	14.55	244	597472	76.24	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	1.80	88	40453	34.89	ng		98
3) Pyridine	2.42	79	134411	44.25	ng		96
4) n-Nitrosodimethylamine	2.37	42	50541	43.23	ng		97
6) Aniline	6.57	93	180602	39.63	ng		89
8) 2-Chlorophenol	6.72	128	118715	39.15	ng		100
9) Benzaldehyde	6.42	77	77510	36.39	ng		92
10) Phenol	6.59	94	146162	37.96	ng		89
11) bis(2-Chloroethyl)ether	6.68	93	113437	40.96	ng		95
12) 1,3-Dichlorobenzene	6.90	146	132583	39.81	ng		96
13) 1,4-Dichlorobenzene	7.00	146	131789	39.31	ng		96
14) 1,2-Dichlorobenzene	7.18	146	121602	38.68	ng		95
15) Benzyl Alcohol	7.18	79	92217	40.83	ng	#	87
16) 2,2'-oxybis(1-Chloropropan	7.36	45	146303	39.61	ng		94
17) 2-Methylphenol	7.34	107	92165	39.15	ng		97
18) Hexachloroethane	7.60	117	45345	40.11	ng	#	80
19) n-Nitroso-di-n-propylamine	7.52	70	85493	40.32	ng		100
20) 3+4-Methylphenols	7.54	107	124321	39.59	ng		94
22) Acetophenone	7.49	105	158312	38.85	ng	#	89
24) Nitrobenzene	7.70	77	118826	39.39	ng	#	80
25) Isophorone	8.01	82	226885	41.43	ng		100
26) 2-Nitrophenol	8.10	139	57806	40.21	ng		97
27) 2,4-Dimethylphenol	8.18	122	104642	39.15	ng		94
28) bis(2-Chloroethoxy)methane	8.29	93	141648	40.34	ng		99
29) 2,4-Dichlorophenol	8.41	162	97088	39.93	ng		98
30) 1,2,4-Trichlorobenzene	8.49	180	105860	37.97	ng		96
31) Naphthalene	8.58	128	345060	37.91	ng		99
32) Benzoic acid	8.32	122	58948	47.03	ng		99
33) 4-Chloroaniline	8.67	127	153974	40.76	ng		99
34) Hexachlorobutadiene	8.74	225	60822	39.73	ng		97
35) Caprolactam	9.10	113	29912	41.21	ng		94
36) 4-Chloro-3-methylphenol	9.30	107	102992	41.98	ng	#	85
37) 2-Methylnaphthalene	9.44	142	240765	38.96	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.64	216	107211	39.83	ng		99
40) Hexachlorocyclopentadiene	9.63	237	42805	40.61	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.80	196	72961	42.98	ng		99
43) 2,4,5-Trichlorophenol	9.85	196	73669	41.54	ng		99
45) 1,1'-Biphenyl	10.02	154	277805	39.09	ng		97
46) 2-Chloronaphthalene	10.04	162	230736	41.27	ng		96
47) 2-Nitroaniline	10.18	65	58260	42.12	ng		95
48) Acenaphthylene	10.54	152	362200	40.12	ng		99
49) Dimethylphthalate	10.42	163	256113	39.24	ng		98
50) 2,6-Dinitrotoluene	10.49	165	57536	42.85	ng	#	46
51) Acenaphthene	10.76	154	207539	40.83	ng		99
52) 3-Nitroaniline	10.69	138	67288	44.07	ng		99
53) 2,4-Dinitrophenol	10.83	184	15332	40.58	ng	#	88
54) Dibenzofuran	10.98	168	319065	41.10	ng		96
55) 4-Nitrophenol	10.93	139	41197m	38.14	ng		
56) 2,4-Dinitrotoluene	10.99	165	72141	41.48	ng	#	86
57) Fluorene	11.40	166	267869	42.56	ng		99
58) 2,3,4,6-Tetrachlorophenol	11.14	232	59360	45.15	ng		98
59) Diethylphthalate	11.30	149	260358	41.37	ng		98
60) 4-Chlorophenyl-phenylether	11.41	204	121541	41.98	ng	#	86
61) 4-Nitroaniline	11.45	138	69313	44.91	ng		99
62) Azobenzene	11.61	77	235011	40.92	ng		92
64) 4,6-Dinitro-2-methylphenol	11.48	198	31363	39.92	ng		78
65) n-Nitrosodiphenylamine	11.56	169	229326	40.05	ng		99
66) 4-Bromophenyl-phenylether	12.02	248	72003	41.08	ng	#	86
67) Hexachlorobenzene	12.07	284	75844	39.48	ng	#	88
68) Atrazine	12.25	200	71688	43.23	ng		99
69) Pentachlorophenol	12.33	266	37277	47.28	ng		98
70) Phenanthrene	12.58	178	381649	39.86	ng		99
71) Anthracene	12.65	178	396826	42.06	ng		99
72) Carbazole	12.87	167	360489	40.77	ng		99
73) Di-n-butylphthalate	13.32	149	439245	43.85	ng		99
74) Fluoranthene	14.05	202	434863	43.07	ng		92
76) Benzidine	14.25	184	244958	35.92	ng		97
77) Pyrene	14.33	202	450104	40.49	ng		99
79) Butylbenzylphthalate	15.17	149	189460	44.72	ng		91
80) Benzo(a)anthracene	15.83	228	415493	39.43	ng		99
81) 3,3'-Dichlorobenzidine	15.81	252	145478	41.23	ng	#	96
82) Chrysene	15.87	228	396337	40.04	ng		100
83) Bis(2-ethylhexyl)phthalate	15.92	149	285283	42.93	ng	#	97
84) Di-n-octyl phthalate	16.74	149	481874	44.16	ng	#	100
85) Indeno(1,2,3-cd)pyrene	18.98	276	478826	42.63	ng	#	86
87) Benzo(b)fluoranthene	17.17	252	414263m	39.21	ng		
88) Benzo(k)fluoranthene	17.22	252	403810m	43.01	ng		
89) Benzo(a)pyrene	17.57	252	384415	41.69	ng	#	95
90) Dibenzo(a,h)anthracene	19.00	278	380784	41.25	ng		97
91) Benzo(g,h,i)perylene	19.36	276	380842	41.15	ng		98

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

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