Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040517\
Data File : BF094213.D
Acq On : 6 Apr 2017 3:11
Operator : SJ/MA
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Apr 06 04:56:24 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 31 14:38:29 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.87	152	211902	20.00	ng		-0.04
21) Naphthalene-d8	7.37	136	808731	20.00	ng		-0.04
38) Acenaphthene-d10	9.52	164	323419	20.00	ng		-0.04
63) Phenanthrene-d10	11.33	188	478621	20.00	ng		-0.04
75) Chrysene-d12	14.59	240	384593	20.00	ng		-0.04
86) Perylene-d12	16.22	264	296636	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	4.40	112	988791	78.81	ng		-0.04
7) Phenol-d6	5.48	99	1196521	77.09	ng		-0.03
23) Nitrobenzene-d5	6.53	82	1169021	82.49	ng		-0.03
41) 2,4,6-Tribromophenol	10.49	330	189814	74.27	ng		-0.04
44) 2-Fluorobiphenyl	8.70	172	1813607	85.53	ng		-0.04
78) Terphenyl-d14	13.32	244	1353785	78.90	ng		-0.04
Target Compounds							Qvalue
2) 1,4-Dioxane	2.19	88	236853	39.30	ng		98
3) Pyridine	2.69	79	670511	40.82	ng		98
4) n-Nitrosodimethylamine	2.66	42	272367	40.30	ng		92
6) Aniline	5.49	93	757667	35.09	ng	#	36
8) 2-Chlorophenol	5.63	128	546904	39.66	ng		97
9) Benzaldehyde	5.36	77	379567	36.22	ng		99
10) Phenol	5.49	94	658994	37.31	ng	#	70
11) bis(2-Chloroethyl)ether	5.57	93	548088	39.71	ng		99
12) 1,3-Dichlorobenzene	5.80	146	615410	39.78	ng		100
13) 1,4-Dichlorobenzene	5.89	146	621418	39.66	ng		98
14) 1,2-Dichlorobenzene	6.07	146	565259	39.18	ng		96
15) Benzyl Alcohol	6.04	79	422105	37.16	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.20	45	786362	36.97	ng		96
17) 2-Methylphenol	6.18	107	459312	38.89	ng		97
18) Hexachloroethane	6.46	117	183007	33.23	ng	#	86
19) n-Nitroso-di-n-propylamine	6.36	70	377077	37.80	ng		98
20) 3+4-Methylphenols	6.36	107	575947	40.27	ng	#	63
22) Acetophenone	6.35	105	776678	43.09	ng	#	87
24) Nitrobenzene	6.55	77	573711	41.05	ng		95
25) Isophorone	6.83	82	1010148	40.57	ng		95
26) 2-Nitrophenol	6.92	139	263180	39.49	ng		96
27) 2,4-Dimethylphenol	6.99	122	468409	40.79	ng		98
28) bis(2-Chloroethoxy)methane	7.09	93	669813	40.79	ng		99
29) 2,4-Dichlorophenol	7.22	162	432386	40.27	ng		98
30) 1,2,4-Trichlorobenzene	7.31	180	446631	40.38	ng		98
31) Naphthalene	7.40	128	1521674	39.13	ng		100
32) Benzoic acid	7.13	122	175958	23.02	ng		99
33) 4-Chloroaniline	7.47	127	626699	39.76	ng		95
34) Hexachlorobutadiene	7.56	225	229250	40.42	ng		99
35) Caprolactam	7.92	113	132126	38.58	ng		98
36) 4-Chloro-3-methylphenol	8.08	107	443867	39.56	ng		89
37) 2-Methylnaphthalene	8.24	142	992868	38.30	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.45	216	399769	45.18	ng		99
40) Hexachlorocyclopentadiene	8.43	237	23751	5.74	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.59	196	263796	42.14	ng		98
43) 2,4,5-Trichlorophenol	8.65	196	283087	41.80	ng		94
45) 1,1'-Biphenyl	8.82	154	1103685	42.31	ng		98
46) 2-Chloronaphthalene	8.83	162	842186	41.24	ng		94
47) 2-Nitroaniline	8.96	65	274366	45.29	ng		87
48) Acenaphthylene	9.34	152	1338032	39.43	ng		99
49) Dimethylphthalate	9.20	163	1011997	44.02	ng		99
50) 2,6-Dinitrotoluene	9.27	165	214918	40.78	ng	#	86
51) Acenaphthene	9.56	154	773452	39.06	ng		99
52) 3-Nitroaniline	9.47	138	270741	43.75	ng		84
53) 2,4-Dinitrophenol	9.60	184	8766	7.59	ng	#	61
54) Dibenzofuran	9.77	168	1021242	37.88	ng		99
55) 4-Nitrophenol	9.70	139	166603	34.38	ng	#	69
56) 2,4-Dinitrotoluene	9.76	165	237736	35.91	ng	#	67
57) Fluorene	10.19	166	818699	36.62	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.93	232	167869	36.12	ng		97
59) Diethylphthalate	10.07	149	938332	41.29	ng		99
60) 4-Chlorophenyl-phenylether	10.19	204	363586	38.18	ng		95
61) 4-Nitroaniline	10.22	138	251664	42.38	ng		94
62) Azobenzene	10.39	77	802106	37.32	ng		98
64) 4,6-Dinitro-2-methylphenol	10.26	198	20343	6.94	ng	#	77
65) n-Nitrosodiphenylamine	10.34	169	749398	45.28	ng		99
66) 4-Bromophenyl-phenylether	10.79	248	207647	44.11	ng		97
67) Hexachlorobenzene	10.87	284	201737	42.34	ng	#	92
68) Atrazine	11.02	200	194784	39.29	ng		97
69) Pentachlorophenol	11.11	266	97790	32.97	ng		99
70) Phenanthrene	11.36	178	1066631	40.06	ng		99
71) Anthracene	11.43	178	1101672	40.19	ng		99
72) Carbazole	11.63	167	1113496	39.61	ng		98
73) Di-n-butylphthalate	12.08	149	1279845	43.78	ng		99
74) Fluoranthene	12.83	202	1045535	38.35	ng		99
76) Benzidine	13.00	184	589670	38.74	ng	#	94
77) Pyrene	13.10	202	1090583	39.07	ng		99
79) Butylbenzylphthalate	13.92	149	507618	42.68	ng	#	86
80) Benzo(a)anthracene	14.57	228	915419	40.82	ng		100
81) 3,3'-Dichlorobenzidine	14.55	252	360184	44.93	ng	#	96
82) Chrysene	14.62	228	860086	41.33	ng		99
83) Bis(2-ethylhexyl)phthalate	14.64	149	701160	43.21	ng	#	99
84) Di-n-octyl phthalate	15.39	149	1232195	45.46	ng		98
85) Indeno(1,2,3-cd)pyrene	17.54	276	632031	35.07	ng		98
87) Benzo(b)fluoranthene	15.81	252	815124	44.83	ng		97
88) Benzo(k)fluoranthene	15.84	252	693840	39.00	ng		97
89) Benzo(a)pyrene	16.16	252	671250	40.09	ng		98
90) Dibenzo(a,h)anthracene	17.57	278	547758	38.63	ng		98
91) Benzo(g,h,i)perylene	17.94	276	526522	36.84	ng		98

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

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