Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060217\
Data File : BF095655.D
Acq On : 3 Jun 2017 3:37
Operator : SJ/MA
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Jun 05 04:59:44 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 01 18:51:16 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	117231	20.00	ng		0.00
21) Naphthalene-d8	9.57	136	458624	20.00	ng		0.00
38) Acenaphthene-d10	12.40	164	184647	20.00	ng		0.00
63) Phenanthrene-d10	14.80	188	271810	20.00	ng		0.00
75) Chrysene-d12	18.50	240	222224	20.00	ng		0.00
86) Perylene-d12	20.17	264	156266	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	591689	84.15	ng		0.00
7) Phenol-d6	7.10	99	698834	82.83	ng		0.00
23) Nitrobenzene-d5	8.46	82	608032	83.60	ng		0.00
41) 2,4,6-Tribromophenol	13.70	330	110515	73.08	ng		0.00
44) 2-Fluorobiphenyl	11.36	172	1053270	82.10	ng		0.00
78) Terphenyl-d14	17.15	244	796161	78.91	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.83	88	127791	37.06	ng		92
3) Pyridine	2.42	79	333098	41.68	ng		98
4) n-Nitrosodimethylamine	2.40	42	134740	40.44	ng		80
6) Aniline	7.04	93	456168	42.83	ng		95
8) 2-Chlorophenol	7.23	128	333172	41.63	ng		95
9) Benzaldehyde	6.85	77	201575	39.13	ng		97
10) Phenol	7.12	94	398471	44.82	ng		86
11) bis(2-Chloroethyl)ether	7.18	93	290921	39.64	ng		96
12) 1,3-Dichlorobenzene	7.44	146	367923	40.53	ng		99
13) 1,4-Dichlorobenzene	7.57	146	377707	41.02	ng		96
14) 1,2-Dichlorobenzene	7.80	146	349431	40.66	ng		95
15) Benzyl Alcohol	7.84	79	241092	44.43	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.04	45	412128	39.67	ng		97
17) 2-Methylphenol	8.06	107	281685	43.01	ng		96
18) Hexachloroethane	8.32	117	95108	30.49	ng	#	81
19) n-Nitroso-di-n-propylamine	8.27	70	232513	40.75	ng		92
20) 3+4-Methylphenols	8.32	107	362197	40.70	ng	#	58
22) Acetophenone	8.23	105	461914	41.98	ng	#	83
24) Nitrobenzene	8.49	77	315741	41.42	ng		94
25) Isophorone	8.89	82	541416	41.69	ng		96
26) 2-Nitrophenol	9.00	139	158942	38.64	ng		98
27) 2,4-Dimethylphenol	9.15	122	280470	42.17	ng		98
28) bis(2-Chloroethoxy)methane	9.26	93	380849	42.39	ng		99
29) 2,4-Dichlorophenol	9.43	162	252379	40.19	ng		99
30) 1,2,4-Trichlorobenzene	9.50	180	269502	40.06	ng		98
31) Naphthalene	9.61	128	927201	40.23	ng		100
32) Benzoic acid	9.51	122	137773	33.29	ng		91
33) 4-Chloroaniline	9.75	127	365170	42.51	ng	#	93
34) Hexachlorobutadiene	9.82	225	141415	39.84	ng		98
35) Caprolactam	10.40	113	81271	43.10	ng	#	84
36) 4-Chloro-3-methylphenol	10.63	107	271021	40.37	ng		91
37) 2-Methylnaphthalene	10.73	142	591938	39.13	ng		97
39) 1,2,4,5-Tetrachlorobenzene	11.02	216	243920	42.96	ng		98
40) Hexachlorocyclopentadiene	10.98	237	6616	8.62	ng		93

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	11.24	196	165400	43.63	ng		98
43) 2,4,5-Trichlorophenol	11.33	196	155196	38.09	ng		94
45) 1,1'-Biphenyl	11.50	154	661216	42.53	ng		98
46) 2-Chloronaphthalene	11.52	162	514769	41.01	ng		95
47) 2-Nitroaniline	11.74	65	158642	46.17	ng	#	81
48) Acenaphthylene	12.17	152	773899	39.36	ng		99
49) Dimethylphthalate	12.06	163	647729	42.73	ng		98
50) 2,6-Dinitrotoluene	12.15	165	119706	38.71	ng	#	88
51) Acenaphthene	12.46	154	457876	38.99	ng		98
52) 3-Nitroaniline	12.42	138	154705	46.61	ng		86
53) 2,4-Dinitrophenol	12.67	184	5202	9.06	ng	#	79
54) Dibenzofuran	12.74	168	642000	39.50	ng		97
55) 4-Nitrophenol	12.84	139	71619	35.92	ng	#	82
56) 2,4-Dinitrotoluene	12.82	165	147897	37.22	ng		92
57) Fluorene	13.30	166	527954	37.36	ng		100
58) 2,3,4,6-Tetrachlorophenol	12.99	232	98260	38.31	ng	#	92
59) Diethylphthalate	13.20	149	615334	42.35	ng		99
60) 4-Chlorophenyl-phenylether	13.32	204	244932	39.44	ng		90
61) 4-Nitroaniline	13.42	138	143185	46.99	ng		96
62) Azobenzene	13.58	77	451624	38.68	ng		94
64) 4,6-Dinitro-2-methylphenol	13.51	198	17241	9.46	ng	#	68
65) n-Nitrosodiphenylamine	13.53	169	469116	47.55	ng		99
66) 4-Bromophenyl-phenylether	14.10	248	131655	45.85	ng		98
67) Hexachlorobenzene	14.19	284	125035	42.49	ng	#	85
68) Atrazine	14.45	200	93541	33.58	ng		96
69) Pentachlorophenol	14.56	266	46256	38.08	ng		99
70) Phenanthrene	14.84	178	639828	40.97	ng		97
71) Anthracene	14.93	178	652580	40.91	ng		98
72) Carbazole	15.22	167	604456	41.64	ng		97
73) Di-n-butylphthalate	15.79	149	832784	46.01	ng		98
74) Fluoranthene	16.60	202	632706	39.49	ng		98
76) Benzidine	16.83	184	281439	46.99	ng	#	93
77) Pyrene	16.90	202	651921	39.23	ng		99
79) Butylbenzylphthalate	17.82	149	324079	41.92	ng		89
80) Benzo(a)anthracene	18.49	228	522059	40.37	ng		98
81) 3,3'-Dichlorobenzidine	18.47	252	205377	45.98	ng	#	97
82) Chrysene	18.54	228	504638	40.35	ng		99
83) Bis(2-ethylhexyl)phthalate	18.56	149	458845	41.66	ng	#	98
84) Di-n-octyl phthalate	19.33	149	767429	42.50	ng		96
85) Indeno(1,2,3-cd)pyrene	21.41	276	331245	32.62	ng		99
87) Benzo(b)fluoranthene	19.77	252	415075	42.99	ng		98
88) Benzo(k)fluoranthene	19.80	252	408129	43.82	ng	#	95
89) Benzo(a)pyrene	20.11	252	366727	41.16	ng		98
90) Dibenzo(a,h)anthracene	21.41	278	287572	39.08	ng		96
91) Benzo(g,h,i)perylene	21.77	276	286147	39.63	ng		99

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

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