Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032417\
Data File : BF093912.D
Acq On : 24 Mar 2017 17:46
Operator : SJ/MA
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Mar 24 23:04:35 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 23 02:02:22 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.96	152	200311	20.00	ng		-0.02
21) Naphthalene-d8	7.47	136	820093	20.00	ng		-0.02
38) Acenaphthene-d10	9.62	164	366386	20.00	ng		-0.02
63) Phenanthrene-d10	11.44	188	647406	20.00	ng		-0.02
75) Chrysene-d12	14.69	240	525029	20.00	ng		-0.02
86) Perylene-d12	16.33	264	450895	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	4.49	112	942507	79.47	ng		-0.01
7) Phenol-d6	5.57	99	1171633	79.86	ng		0.00
23) Nitrobenzene-d5	6.62	82	1148376	79.91	ng		-0.02
41) 2,4,6-Tribromophenol	10.59	330	241456	83.40	ng		-0.02
44) 2-Fluorobiphenyl	8.79	172	1888565	78.62	ng		-0.03
78) Terphenyl-d14	13.42	244	1811324	77.33	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.33	88	225625	39.60	ng		98
3) Pyridine	2.83	79	630960	40.63	ng		98
4) n-Nitrosodimethylamine	2.79	42	258910	40.52	ng		95
6) Aniline	5.59	93	782072	38.32	ng	#	80
8) 2-Chlorophenol	5.73	128	531080	40.74	ng		97
9) Benzaldehyde	5.46	77	380041	38.36	ng		98
10) Phenol	5.58	94	641232	38.41	ng		80
11) bis(2-Chloroethyl)ether	5.67	93	522965	40.08	ng		99
12) 1,3-Dichlorobenzene	5.90	146	586172	40.09	ng		99
13) 1,4-Dichlorobenzene	5.99	146	591234	39.92	ng		97
14) 1,2-Dichlorobenzene	6.16	146	544013	39.89	ng		96
15) Benzyl Alcohol	6.13	79	429137	39.96	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.29	45	768911	38.24	ng		98
17) 2-Methylphenol	6.27	107	450749	40.37	ng		98
18) Hexachloroethane	6.56	117	210543	40.45	ng	#	85
19) n-Nitroso-di-n-propylamine	6.45	70	360080	38.19	ng		99
20) 3+4-Methylphenols	6.45	107	546745	40.44	ng	#	67
22) Acetophenone	6.44	105	744037	40.71	ng	#	89
24) Nitrobenzene	6.64	77	566314	39.96	ng		95
25) Isophorone	6.93	82	1001288	39.65	ng		96
26) 2-Nitrophenol	7.01	139	297853	44.07	ng		94
27) 2,4-Dimethylphenol	7.08	122	469194	40.29	ng		97
28) bis(2-Chloroethoxy)methane	7.19	93	646716	38.84	ng		99
29) 2,4-Dichlorophenol	7.31	162	444851	40.85	ng		98
30) 1,2,4-Trichlorobenzene	7.40	180	447456	39.90	ng		98
31) Naphthalene	7.50	128	1551847	39.35	ng		100
32) Benzoic acid	7.24	122	316399	40.81	ng		98
33) 4-Chloroaniline	7.56	127	642469	40.20	ng		94
34) Hexachlorobutadiene	7.65	225	225095	39.14	ng		98
35) Caprolactam	8.02	113	146241	42.11	ng		94
36) 4-Chloro-3-methylphenol	8.17	107	462729	40.67	ng		91
37) 2-Methylnaphthalene	8.34	142	1028534	39.13	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.55	216	396446	39.55	ng		99
40) Hexachlorocyclopentadiene	8.53	237	201410	42.94	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.69	196	293041	41.32	ng		99
43) 2,4,5-Trichlorophenol	8.74	196	319058	41.58	ng		94
45) 1,1'-Biphenyl	8.92	154	1159442	39.23	ng		98
46) 2-Chloronaphthalene	8.93	162	918138	39.69	ng		94
47) 2-Nitroaniline	9.06	65	290627	42.35	ng		91
48) Acenaphthylene	9.44	152	1519645	39.53	ng		99
49) Dimethylphthalate	9.30	163	1047459	40.22	ng		100
50) 2,6-Dinitrotoluene	9.36	165	251483	42.12	ng	#	84
51) Acenaphthene	9.66	154	871553	38.85	ng		99
52) 3-Nitroaniline	9.57	138	300660	42.89	ng		90
53) 2,4-Dinitrophenol	9.70	184	132544	43.73	ng	#	65
54) Dibenzofuran	9.87	168	1186526	38.85	ng		99
55) 4-Nitrophenol	9.80	139	234752	42.76	ng	#	79
56) 2,4-Dinitrotoluene	9.86	165	311169	41.49	ng	#	75
57) Fluorene	10.29	166	951695	37.58	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.02	232	217713	41.35	ng		99
59) Diethylphthalate	10.17	149	1023335	39.75	ng		98
60) 4-Chlorophenyl-phenylether	10.29	204	398124	36.90	ng		95
61) 4-Nitroaniline	10.33	138	295939	43.99	ng		97
62) Azobenzene	10.49	77	957043	39.30	ng		95
64) 4,6-Dinitro-2-methylphenol	10.36	198	176219	44.45	ng	#	74
65) n-Nitrosodiphenylamine	10.45	169	879342	39.28	ng		98
66) 4-Bromophenyl-phenylether	10.89	248	252287	39.62	ng		94
67) Hexachlorobenzene	10.97	284	255714	39.67	ng	#	90
68) Atrazine	11.12	200	274935	41.00	ng		95
69) Pentachlorophenol	11.21	266	150300	37.46	ng		99
70) Phenanthrene	11.47	178	1424285	39.55	ng		99
71) Anthracene	11.53	178	1460474	39.39	ng		99
72) Carbazole	11.73	167	1499810	39.44	ng		98
73) Di-n-butylphthalate	12.18	149	1592871	40.28	ng		100
74) Fluoranthene	12.93	202	1467092	39.78	ng		99
76) Benzidine	13.10	184	848746	40.84	ng		97
77) Pyrene	13.21	202	1520303	39.90	ng		100
79) Butylbenzylphthalate	14.02	149	690659	42.54	ng	#	86
80) Benzo(a)anthracene	14.68	228	1247172	40.74	ng		99
81) 3,3'-Dichlorobenzidine	14.66	252	469450	42.90	ng	#	96
82) Chrysene	14.73	228	1087813	38.29	ng		99
83) Bis(2-ethylhexyl)phthalate	14.74	149	853258	38.52	ng	#	98
84) Di-n-octyl phthalate	15.49	149	1563371	42.25	ng		98
85) Indeno(1,2,3-cd)pyrene	17.72	276	1001288	40.69	ng		98
87) Benzo(b)fluoranthene	15.92	252	1109327	40.14	ng		99
88) Benzo(k)fluoranthene	15.94	252	1056668	39.07	ng		96
89) Benzo(a)pyrene	16.27	252	1021947	40.15	ng		98
90) Dibenzo(a,h)anthracene	17.74	278	849481	39.41	ng		99
91) Benzo(g,h,i)perylene	18.13	276	832982	38.35	ng		98

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

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