Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041717\
Data File : BF094450.D
Acq On : 17 Apr 2017 15:29
Operator : SJ/MA
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
4/18/2017 3:07:57 PM

Quant Time: Apr 18 01:40:46 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 17 14:59:23 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.76	152	149145	20.00	ng		0.00
21) Naphthalene-d8	7.26	136	602475	20.00	ng		0.00
38) Acenaphthene-d10	9.40	164	269087	20.00	ng		0.00
63) Phenanthrene-d10	11.22	188	471684	20.00	ng		0.00
75) Chrysene-d12	14.47	240	392824	20.00	ng		0.00
86) Perylene-d12	16.09	264	339227	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.30	112	712797	79.29	ng		0.00
7) Phenol-d6	5.39	99	844503	79.68	ng		0.00
23) Nitrobenzene-d5	6.42	82	793438	81.32	ng		0.00
41) 2,4,6-Tribromophenol	10.37	330	171593	81.53	ng		0.00
44) 2-Fluorobiphenyl	8.59	172	1432776	78.34	ng		0.00
78) Terphenyl-d14	13.20	244	1144728	77.89	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.08	88	210729	40.31	ng		95
3) Pyridine	2.58	79	460417	40.29	ng		100
4) n-Nitrosodimethylamine	2.55	42	194714	41.18	ng		89
6) Aniline	5.39	93	558338	39.64	ng	#	88
8) 2-Chlorophenol	5.53	128	413949	40.47	ng		99
9) Benzaldehyde	5.26	77	328129	40.70	ng		99
10) Phenol	5.40	94	522085	40.10	ng		90
11) bis(2-Chloroethyl)ether	5.47	93	384551	40.43	ng		96
12) 1,3-Dichlorobenzene	5.69	146	450702	39.77	ng		99
13) 1,4-Dichlorobenzene	5.78	146	456461	40.03	ng		96
14) 1,2-Dichlorobenzene	5.96	146	417343	39.74	ng		96
15) Benzyl Alcohol	5.94	79	318478	40.51	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.10	45	497965	39.93	ng		77
17) 2-Methylphenol	6.09	107	328658	40.79	ng		94
18) Hexachloroethane	6.35	117	158598	40.57	ng	#	84
19) n-Nitroso-di-n-propylamine	6.25	70	286365	40.78	ng		98
20) 3+4-Methylphenols	6.27	107	444109	40.57	ng	#	63
22) Acetophenone	6.24	105	587872	40.13	ng	#	86
24) Nitrobenzene	6.44	77	415883	40.48	ng		91
25) Isophorone	6.73	82	724969	40.08	ng		95
26) 2-Nitrophenol	6.81	139	230810	41.81	ng		97
27) 2,4-Dimethylphenol	6.89	122	361280	40.29	ng		97
28) bis(2-Chloroethoxy)methane	6.99	93	469991	40.17	ng		99
29) 2,4-Dichlorophenol	7.12	162	339165	40.66	ng		99
30) 1,2,4-Trichlorobenzene	7.20	180	343369	39.82	ng		99
31) Naphthalene	7.29	128	1153057	39.81	ng		100
32) Benzoic acid	7.07	122	195792m	41.29	ng		
33) 4-Chloroaniline	7.36	127	489949	40.66	ng		95
34) Hexachlorobutadiene	7.45	225	169847	39.50	ng		98
35) Caprolactam	7.82	113	112197m	42.82	ng		
36) 4-Chloro-3-methylphenol	7.99	107	354857	40.59	ng		91
37) 2-Methylnaphthalene	8.13	142	785303	39.63	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.34	216	307614	40.15	ng		100
40) Hexachlorocyclopentadiene	8.33	237	130527	42.11	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.49	196	218337	40.58	ng		100
43) 2,4,5-Trichlorophenol	8.55	196	222201	40.21	ng		95
45) 1,1'-Biphenyl	8.70	154	886115	40.31	ng		97
46) 2-Chloronaphthalene	8.72	162	696914	39.87	ng		95
47) 2-Nitroaniline	8.86	65	210950	41.95	ng	#	83
48) Acenaphthylene	9.23	152	1081269	39.68	ng		99
49) Dimethylphthalate	9.10	163	798535	39.82	ng		99
50) 2,6-Dinitrotoluene	9.16	165	183772	40.83	ng	#	89
51) Acenaphthene	9.45	154	641468	39.30	ng		98
52) 3-Nitroaniline	9.37	138	215080	41.30	ng		88
53) 2,4-Dinitrophenol	9.50	184	91378	40.48	ng	#	73
54) Dibenzofuran	9.66	168	935665	39.44	ng		99
55) 4-Nitrophenol	9.62	139	145846	39.64	ng	#	78
56) 2,4-Dinitrotoluene	9.66	165	223887	40.54	ng	#	66
57) Fluorene	10.07	166	724392	39.21	ng		100
58) 2,3,4,6-Tetrachlorophenol	9.82	232	164701	41.58	ng		96
59) Diethylphthalate	9.96	149	754674	39.89	ng		99
60) 4-Chlorophenyl-phenylether	10.08	204	311436	40.51	ng		95
61) 4-Nitroaniline	10.12	138	219204	41.41	ng		95
62) Azobenzene	10.28	77	743008	40.44	ng		94
64) 4,6-Dinitro-2-methylphenol	10.16	198	129465	41.89	ng	#	70
65) n-Nitrosodiphenylamine	10.23	169	660873	40.29	ng		98
66) 4-Bromophenyl-phenylether	10.68	248	187740	40.08	ng		99
67) Hexachlorobenzene	10.75	284	190842	40.43	ng	#	89
68) Atrazine	10.91	200	199234	40.60	ng		96
69) Pentachlorophenol	11.00	266	76771	40.96	ng		98
70) Phenanthrene	11.25	178	1048293	39.47	ng		98
71) Anthracene	11.32	178	1103643	40.17	ng		99
72) Carbazole	11.52	167	1038946	40.29	ng		98
73) Di-n-butylphthalate	11.97	149	1134490	39.96	ng		99
74) Fluoranthene	12.71	202	1095975	39.81	ng		99
76) Benzidine	12.89	184	675938	42.50	ng		97
77) Pyrene	12.99	202	1111032	40.48	ng		98
79) Butylbenzylphthalate	13.80	149	489936	40.73	ng	#	85
80) Benzo(a)anthracene	14.46	228	920210	40.30	ng		98
81) 3,3'-Dichlorobenzidine	14.43	252	326629	40.41	ng	#	96
82) Chrysene	14.50	228	850393	40.75	ng		100
83) Bis(2-ethylhexyl)phthalate	14.52	149	650077	40.26	ng		99
84) Di-n-octyl phthalate	15.28	149	1081359	39.92	ng		98
85) Indeno(1,2,3-cd)pyrene	17.36	276	758165	38.19	ng		99
87) Benzo(b)fluoranthene	15.69	252	864517	41.66	ng		98
88) Benzo(k)fluoranthene	15.72	252	778259	39.63	ng	#	95
89) Benzo(a)pyrene	16.03	252	788286	40.83	ng		99
90) Dibenzo(a,h)anthracene	17.38	278	623616	38.90	ng		100
91) Benzo(g,h,i)perylene	17.74	276	620085	37.99	ng		97

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

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