Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041017\
Data File : BF094303.D
Acq On : 10 Apr 2017 11:33
Operator : SJ/MA
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
4/11/2017 12:52:52 PM

Quant Time: Apr 11 06:59:52 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 06 13:20:29 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.84	152	161855	20.00	ng		-0.02
21) Naphthalene-d8	7.35	136	675437	20.00	ng		-0.02
38) Acenaphthene-d10	9.49	164	306290	20.00	ng		-0.01
63) Phenanthrene-d10	11.31	188	532306	20.00	ng		-0.01
75) Chrysene-d12	14.56	240	427045	20.00	ng		-0.01
86) Perylene-d12	16.19	264	358781	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.39	112	764124	79.74	ng		0.00
7) Phenol-d6	5.48	99	933354	78.73	ng		0.02
23) Nitrobenzene-d5	6.50	82	956291	80.80	ng		-0.01
41) 2,4,6-Tribromophenol	10.46	330	201898	83.42	ng		-0.01
44) 2-Fluorobiphenyl	8.67	172	1639313	81.63	ng		-0.01
78) Terphenyl-d14	13.29	244	1551118	81.42	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.18	88	181377	39.40	ng		97
3) Pyridine	2.68	79	478626	38.15	ng		98
4) n-Nitrosodimethylamine	2.65	42	209346	40.55	ng		95
6) Aniline	5.47	93	634661	38.49	ng		99
8) 2-Chlorophenol	5.62	128	433772	41.18	ng		99
9) Benzaldehyde	5.33	77	284675	35.56	ng		97
10) Phenol	5.50	94	484523m	35.92	ng		
11) bis(2-Chloroethyl)ether	5.55	93	434352	41.20	ng		99
12) 1,3-Dichlorobenzene	5.77	146	489429	41.42	ng		99
13) 1,4-Dichlorobenzene	5.86	146	498355	41.65	ng		96
14) 1,2-Dichlorobenzene	6.04	146	448754	40.72	ng		96
15) Benzyl Alcohol	6.02	79	326318	37.61	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.17	45	602629	37.10	ng		64
17) 2-Methylphenol	6.18	107	361413	40.06	ng		94
18) Hexachloroethane	6.43	117	175468	41.72	ng	#	84
19) n-Nitroso-di-n-propylamine	6.33	70	327672	43.01	ng		97
20) 3+4-Methylphenols	6.36	107	498651	45.64	ng	#	62
22) Acetophenone	6.32	105	642723	42.70	ng	#	86
24) Nitrobenzene	6.52	77	469920	40.26	ng		93
25) Isophorone	6.80	82	826947	39.76	ng		97
26) 2-Nitrophenol	6.89	139	246772	44.33	ng		96
27) 2,4-Dimethylphenol	6.97	122	384476	40.08	ng		98
28) bis(2-Chloroethoxy)methane	7.07	93	541997	39.52	ng		99
29) 2,4-Dichlorophenol	7.20	162	368916	41.14	ng		98
30) 1,2,4-Trichlorobenzene	7.28	180	373080	40.39	ng		99
31) Naphthalene	7.37	128	1306151	40.22	ng		100
32) Benzoic acid	7.16	122	239722	37.54	ng		97
33) 4-Chloroaniline	7.45	127	521847	39.64	ng		95
34) Hexachlorobutadiene	7.53	225	195333	41.24	ng		98
35) Caprolactam	7.90	113	117708	41.16	ng		93
36) 4-Chloro-3-methylphenol	8.08	107	382512	40.82	ng		88
37) 2-Methylnaphthalene	8.22	142	874241	40.38	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.42	216	348094	41.54	ng		100
40) Hexachlorocyclopentadiene	8.41	237	155782	39.73	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.58	196	245254	41.37	ng		99
43) 2,4,5-Trichlorophenol	8.64	196	263572	41.09	ng		94
45) 1,1'-Biphenyl	8.79	154	992360	40.17	ng		98
46) 2-Chloronaphthalene	8.81	162	775532	40.10	ng		94
47) 2-Nitroaniline	8.95	65	236505	41.23	ng	#	80
48) Acenaphthylene	9.32	152	1270306	39.52	ng		99
49) Dimethylphthalate	9.18	163	900291	41.35	ng		100
50) 2,6-Dinitrotoluene	9.25	165	211579	42.39	ng	#	85
51) Acenaphthene	9.53	154	743072	39.62	ng		99
52) 3-Nitroaniline	9.46	138	244126	41.65	ng		85
53) 2,4-Dinitrophenol	9.59	184	97452	39.02	ng	#	66
54) Dibenzofuran	9.74	168	975351	38.20	ng		98
55) 4-Nitrophenol	9.72	139	177470m	38.67	ng		
56) 2,4-Dinitrotoluene	9.74	165	246266	39.28	ng	#	62
57) Fluorene	10.16	166	819476	38.71	ng		100
58) 2,3,4,6-Tetrachlorophenol	9.91	232	178082	40.46	ng		97
59) Diethylphthalate	10.05	149	867148	40.30	ng		99
60) 4-Chlorophenyl-phenylether	10.17	204	347124	38.49	ng		95
61) 4-Nitroaniline	10.21	138	227713	40.49	ng		96
62) Azobenzene	10.36	77	800042	39.30	ng		97
64) 4,6-Dinitro-2-methylphenol	10.25	198	144142	44.22	ng	#	76
65) n-Nitrosodiphenylamine	10.32	169	747521	40.61	ng		99
66) 4-Bromophenyl-phenylether	10.77	248	213631	40.81	ng		96
67) Hexachlorobenzene	10.84	284	225116	42.48	ng	#	86
68) Atrazine	11.00	200	224223	40.67	ng		97
69) Pentachlorophenol	11.10	266	129764	39.34	ng		99
70) Phenanthrene	11.34	178	1191412	40.24	ng		98
71) Anthracene	11.40	178	1230700	40.37	ng		99
72) Carbazole	11.62	167	1233778	39.46	ng		98
73) Di-n-butylphthalate	12.06	149	1343311	41.32	ng		99
74) Fluoranthene	12.80	202	1219206	40.21	ng		99
76) Benzidine	12.97	184	602027	35.62	ng		97
77) Pyrene	13.08	202	1250002	40.33	ng		99
79) Butylbenzylphthalate	13.89	149	568060	43.02	ng	#	84
80) Benzo(a)anthracene	14.55	228	1025313	41.17	ng		99
81) 3,3'-Dichlorobenzidine	14.53	252	368303	41.38	ng	#	96
82) Chrysene	14.60	228	918519	39.75	ng		100
83) Bis(2-ethylhexyl)phthalate	14.61	149	756891	42.01	ng	#	97
84) Di-n-octyl phthalate	15.36	149	1331518	44.24	ng		98
85) Indeno(1,2,3-cd)pyrene	17.51	276	797689	39.86	ng		98
87) Benzo(b)fluoranthene	15.79	252	897780	40.82	ng		98
88) Benzo(k)fluoranthene	15.82	252	865915	40.24	ng		96
89) Benzo(a)pyrene	16.13	252	813186	40.15	ng		100
90) Dibenzo(a,h)anthracene	17.53	278	681120	39.71	ng		99
91) Benzo(g,h,i)perylene	17.90	276	679987	39.34	ng		98

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

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