Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122217\
Data File : BF101650.D
Acq On : 22 Dec 2017 13:45
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
12/26/2017 1:37:11 PM

Quant Time: Dec 22 16:12:19 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 22 16:07:58 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	131470	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	547500	20.00	ng		0.00
38) Acenaphthene-d10	9.83	164	257968	20.00	ng		0.00
63) Phenanthrene-d10	11.32	188	503500	20.00	ng		0.00
75) Chrysene-d12	13.97	240	407584	20.00	ng		0.00
86) Perylene-d12	15.43	264	376509	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	718714	81.43	ng		0.00
7) Phenol-d6	6.43	99	835468	76.06	ng		0.00
23) Nitrobenzene-d5	7.36	82	768551	78.14	ng		0.00
41) 2,4,6-Tribromophenol	10.62	330	207238	83.37	ng		0.00
44) 2-Fluorobiphenyl	9.15	172	1306343	78.55	ng		0.00
78) Terphenyl-d14	12.90	244	1285207	76.02	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.49	88	169227	37.32	ng		94
3) Pyridine	3.25	79	429857	34.11	ng		97
4) n-Nitrosodimethylamine	3.22	42	216936	37.39	ng		97
6) Aniline	6.46	93	579879	37.99	ng	#	90
8) 2-Chlorophenol	6.57	128	362417	39.04	ng		95
9) Benzaldehyde	6.35	77	293692	36.20	ng		97
10) Phenol	6.45	94	480037	38.34	ng		88
11) bis(2-Chloroethyl)ether	6.53	93	383915	39.09	ng		96
12) 1,3-Dichlorobenzene	6.73	146	414494	39.56	ng		98
13) 1,4-Dichlorobenzene	6.80	146	422525	39.49	ng		98
14) 1,2-Dichlorobenzene	6.96	146	377090	39.15	ng		98
15) Benzyl Alcohol	6.94	79	287328	38.00	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.06	45	590334	39.28	ng		74
17) 2-Methylphenol	7.05	107	319385	37.40	ng	#	94
18) Hexachloroethane	7.29	117	146372	39.34	ng		99
19) n-Nitroso-di-n-propylamine	7.20	70	279627	38.76	ng		94
20) 3+4-Methylphenols	7.21	107	384665	42.50	ng	#	55
22) Acetophenone	7.20	105	490623	39.27	ng	#	89
24) Nitrobenzene	7.38	77	416899	38.30	ng		98
25) Isophorone	7.62	82	751416	38.08	ng		97
26) 2-Nitrophenol	7.69	139	204814	43.80	ng		95
27) 2,4-Dimethylphenol	7.73	122	303788	38.24	ng		96
28) bis(2-Chloroethoxy)methane	7.82	93	487940	38.93	ng		98
29) 2,4-Dichlorophenol	7.94	162	313017	39.88	ng		99
30) 1,2,4-Trichlorobenzene	8.02	180	321688	38.84	ng		99
31) Naphthalene	8.09	128	1053776	38.23	ng		99
32) Benzoic acid	7.89	122	233432	44.33	ng		94
33) 4-Chloroaniline	8.15	127	458455	38.27	ng		99
34) Hexachlorobutadiene	8.20	225	191080	39.88	ng		99
35) Caprolactam	8.53	113	106676	39.14	ng	#	86
36) 4-Chloro-3-methylphenol	8.64	107	342431	39.69	ng		98
37) 2-Methylnaphthalene	8.79	142	694896	38.70	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.95	216	337839	38.79	ng		98
40) Hexachlorocyclopentadiene	8.93	237	45311	39.02	ng		95

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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.07	196	207397	39.55	ng		98
43) 2,4,5-Trichlorophenol	9.12	196	215584	37.55	ng		96
45) 1,1'-Biphenyl	9.25	154	875958	38.29	ng		98
46) 2-Chloronaphthalene	9.27	162	657177	37.54	ng		98
47) 2-Nitroaniline	9.39	65	246438	40.75	ng		91
48) Acenaphthylene	9.69	152	1015464	36.73	ng		99
49) Dimethylphthalate	9.55	163	762557	36.75	ng		100
50) 2,6-Dinitrotoluene	9.63	165	168552	39.97	ng		92
51) Acenaphthene	9.86	154	628102	37.81	ng		99
52) 3-Nitroaniline	9.80	138	214851	40.86	ng		94
53) 2,4-Dinitrophenol	9.93	184	51776	41.02	ng	#	19
54) Dibenzofuran	10.03	168	853124	40.41	ng		98
55) 4-Nitrophenol	9.98	139	96671	42.17	ng		94
56) 2,4-Dinitrotoluene	10.04	165	210956	44.40	ng	#	84
57) Fluorene	10.38	166	712148	39.88	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.16	232	167266	40.55	ng		91
59) Diethylphthalate	10.24	149	812999	39.57	ng		99
60) 4-Chlorophenyl-phenylether	10.36	204	355203	41.50	ng		94
61) 4-Nitroaniline	10.42	138	201978	38.22	ng		97
62) Azobenzene	10.53	77	807532	37.94	ng		97
64) 4,6-Dinitro-2-methylphenol	10.46	198	122738	47.77	ng		95
65) n-Nitrosodiphenylamine	10.49	169	692694	37.26	ng		95
66) 4-Bromophenyl-phenylether	10.86	248	221568	39.16	ng	#	86
67) Hexachlorobenzene	10.93	284	234224	39.12	ng	#	86
68) Atrazine	11.02	200	215974	38.96	ng		98
69) Pentachlorophenol	11.13	266	81045	38.51	ng		94
70) Phenanthrene	11.34	178	1033341	36.90	ng		99
71) Anthracene	11.40	178	1081648	37.82	ng		100
72) Carbazole	11.56	167	1019518	38.07	ng		99
73) Di-n-butylphthalate	11.87	149	1302755	40.08	ng		100
74) Fluoranthene	12.53	202	1133124	38.55	ng		99
76) Benzidine	12.66	184	601666	34.95	ng		99
77) Pyrene	12.77	202	1161249	37.96	ng		99
79) Butylbenzylphthalate	13.37	149	562326	40.63	ng		98
80) Benzo(a)anthracene	13.96	228	1017217	37.80	ng		99
81) 3,3'-Dichlorobenzidine	13.92	252	330438	37.65	ng		97
82) Chrysene	14.00	228	964043	37.94	ng		99
83) Bis(2-ethylhexyl)phthalate	13.92	149	688633	39.28	ng		99
84) Di-n-octyl phthalate	14.53	149	1278838	40.90	ng		98
85) Indeno(1,2,3-cd)pyrene	16.91	276	753701	33.31	ng		96
87) Benzo(b)fluoranthene	15.01	252	913782	39.82	ng		99
88) Benzo(k)fluoranthene	15.04	252	841207m	37.70	ng		
89) Benzo(a)pyrene	15.37	252	808771	38.23	ng		99
90) Dibenzo(a,h)anthracene	16.90	278	645549	35.54	ng		98
91) Benzo(g,h,i)perylene	17.34	276	633534	35.22	ng		95

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

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