Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF053017\
Data File : BF095531.D
Acq On : 30 May 2017 12:49
Operator : SJ/MA
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
5/31/2017 5:02:12 PM

Quant Time: May 31 02:00:26 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 26 16:50:16 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	100500	20.00	ng		0.00
21) Naphthalene-d8	9.75	136	420845	20.00	ng		0.00
38) Acenaphthene-d10	12.59	164	193058	20.00	ng		0.00
63) Phenanthrene-d10	14.99	188	338596	20.00	ng		0.00
75) Chrysene-d12	18.67	240	269023	20.00	ng		0.00
86) Perylene-d12	20.35	264	199714	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.71	112	493344	81.84	ng		0.00
7) Phenol-d6	7.28	99	601939	83.22	ng		-0.01
23) Nitrobenzene-d5	8.65	82	514521	77.09	ng		0.00
41) 2,4,6-Tribromophenol	13.89	330	125249	79.22	ng		0.00
44) 2-Fluorobiphenyl	11.53	172	996359	74.28	ng		0.00
78) Terphenyl-d14	17.32	244	1003190	82.13	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.16	88	106955	36.18	ng		96
3) Pyridine	2.86	79	258841	37.78	ng		98
4) n-Nitrosodimethylamine	2.79	42	91402m	32.00	ng		
6) Aniline	7.24	93	412422	45.17	ng		98
8) 2-Chlorophenol	7.43	128	288266	42.01	ng		97
9) Benzaldehyde	7.07	77	159364	36.08	ng		99
10) Phenol	7.31	94	345207	45.29	ng		92
11) bis(2-Chloroethyl)ether	7.37	93	250170	39.76	ng		98
12) 1,3-Dichlorobenzene	7.64	146	318672	40.94	ng		97
13) 1,4-Dichlorobenzene	7.77	146	327175	41.45	ng		97
14) 1,2-Dichlorobenzene	8.00	146	310602	42.16	ng		96
15) Benzyl Alcohol	8.04	79	209021	44.93	ng		94
16) 2,2'-oxybis(1-Chloropropan	8.22	45	371900	41.76	ng		94
17) 2-Methylphenol	8.24	107	246805	43.96	ng		96
18) Hexachloroethane	8.51	117	105295	39.38	ng	#	83
19) n-Nitroso-di-n-propylamine	8.45	70	197716	40.42	ng		93
20) 3+4-Methylphenols	8.51	107	307260	40.27	ng	#	56
22) Acetophenone	8.42	105	409437	40.55	ng	#	83
24) Nitrobenzene	8.67	77	281496	40.24	ng		93
25) Isophorone	9.08	82	498257	41.81	ng		95
26) 2-Nitrophenol	9.18	139	160287	42.46	ng		98
27) 2,4-Dimethylphenol	9.32	122	246272	40.35	ng		97
28) bis(2-Chloroethoxy)methane	9.44	93	335745	40.73	ng		100
29) 2,4-Dichlorophenol	9.62	162	221070	38.36	ng		99
30) 1,2,4-Trichlorobenzene	9.68	180	243196	39.39	ng		99
31) Naphthalene	9.79	128	855683	40.45	ng		99
32) Benzoic acid	9.66	122	114339	30.60	ng		96
33) 4-Chloroaniline	9.94	127	337250	42.78	ng	#	93
34) Hexachlorobutadiene	10.00	225	124011	38.07	ng		98
35) Caprolactam	10.57	113	66934m	38.68	ng		
36) 4-Chloro-3-methylphenol	10.80	107	260480	42.28	ng		92
37) 2-Methylnaphthalene	10.92	142	566110	40.78	ng		97
39) 1,2,4,5-Tetrachlorobenzene	11.20	216	230176	38.77	ng		98
40) Hexachlorocyclopentadiene	11.17	237	73843	33.40	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	11.42	196	150498	37.97	ng		100
43) 2,4,5-Trichlorophenol	11.54	196	149826	35.17	ng		94
45) 1,1'-Biphenyl	11.68	154	651118	40.06	ng		99
46) 2-Chloronaphthalene	11.70	162	524496	39.96	ng		96
47) 2-Nitroaniline	11.93	65	148309	41.29	ng	#	82
48) Acenaphthylene	12.36	152	812363	39.52	ng		98
49) Dimethylphthalate	12.24	163	612515	38.65	ng		98
50) 2,6-Dinitrotoluene	12.33	165	127383	39.40	ng	#	87
51) Acenaphthene	12.64	154	471156	38.37	ng		99
52) 3-Nitroaniline	12.61	138	140766	40.56	ng		90
53) 2,4-Dinitrophenol	12.86	184	49977m	32.12	ng		
54) Dibenzofuran	12.93	168	684500	40.28	ng		98
55) 4-Nitrophenol	13.07	139	67165m	32.22	ng		
56) 2,4-Dinitrotoluene	13.01	165	175942	42.35	ng		91
57) Fluorene	13.48	166	566854	38.37	ng		99
58) 2,3,4,6-Tetrachlorophenol	13.18	232	96465	35.98	ng	#	94
59) Diethylphthalate	13.38	149	581570	38.28	ng		99
60) 4-Chlorophenyl-phenylether	13.51	204	253647	39.06	ng		88
61) 4-Nitroaniline	13.62	138	123399	38.73	ng		93
62) Azobenzene	13.77	77	490991	40.22	ng		93
64) 4,6-Dinitro-2-methylphenol	13.69	198	83791	36.91	ng	#	72
65) n-Nitrosodiphenylamine	13.71	169	493236	40.14	ng		98
66) 4-Bromophenyl-phenylether	14.29	248	139517	39.00	ng		97
67) Hexachlorobenzene	14.39	284	144254	39.35	ng	#	93
68) Atrazine	14.64	200	133535	38.49	ng		97
69) Pentachlorophenol	14.75	266	51401	34.60	ng		94
70) Phenanthrene	15.03	178	786131	40.41	ng		98
71) Anthracene	15.12	178	815029	41.01	ng		98
72) Carbazole	15.41	167	747226	41.33	ng		96
73) Di-n-butylphthalate	15.95	149	945702	41.94	ng		99
74) Fluoranthene	16.78	202	822726	41.23	ng		99
76) Benzidine	17.00	184	367086	50.12	ng	#	92
77) Pyrene	17.08	202	835535	41.53	ng		98
79) Butylbenzylphthalate	17.97	149	390317	41.71	ng		89
80) Benzo(a)anthracene	18.66	228	606174	38.72	ng		98
81) 3,3'-Dichlorobenzidine	18.64	252	211864	39.18	ng	#	95
82) Chrysene	18.71	228	598846	39.56	ng		99
83) Bis(2-ethylhexyl)phthalate	18.71	149	502937	37.72	ng	#	99
84) Di-n-octyl phthalate	19.48	149	826032	37.79	ng		96
85) Indeno(1,2,3-cd)pyrene	21.68	276	416403	33.87	ng		99
87) Benzo(b)fluoranthene	19.94	252	498482	40.39	ng		97
88) Benzo(k)fluoranthene	19.97	252	521400	43.80	ng		95
89) Benzo(a)pyrene	20.29	252	466233	40.94	ng		99
90) Dibenzo(a,h)anthracene	21.67	278	348561	37.06	ng		97
91) Benzo(g,h,i)perylene	22.07	276	360066	39.01	ng		99

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

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