Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060315\
Data File : BF079658.D
Acq On : 3 Jun 2015 12:36
Operator : TP/IZ
Sample : SSTDICC060
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED
apatel
6/5/2015 8:05:41 AM

Quant Time: Jun 05 11:00:06 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 03 13:57:27 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	85324	20.00	ng		0.00
21) Naphthalene-d8	8.81	136	337197	20.00	ng		0.00
38) Acenaphthene-d10	10.59	164	178466	20.00	ng		0.00
63) Phenanthrene-d10	12.11	188	347235	20.00	ng		-0.02
75) Chrysene-d12	15.21	240	364574	20.00	ng		-0.17
86) Perylene-d12	17.25	264	333431	20.00	ng		-0.24
System Monitoring Compounds							
5) 2-Fluorophenol	6.14	112	542223	90.84	ng		0.00
7) Phenol-d6	7.11	99	701261	100.31	ng		0.00
23) Nitrobenzene-d5	8.08	82	706224	129.61	ng		0.00
41) 2,4,6-Tribromophenol	11.39	330	157662	116.20	ng		0.00
44) 2-Fluorobiphenyl	9.88	172	1311516	86.82	ng		0.00
78) Terphenyl-d14	13.87	244	1681670	91.98	ng		-0.08
Target Compounds							Qvalue
2) 1,4-Dioxane	3.60	88	120812	52.29	ng		99
3) Pyridine	4.30	79	390958	65.60	ng		94
4) n-Nitrosodimethylamine	4.23	42	164772	62.36	ng		97
6) Aniline	7.18	93	522001	60.91	ng		97
8) 2-Chlorophenol	7.30	128	315132	49.51	ng		100
9) Benzaldehyde	7.06	77	181953	80.45	ng		99
10) Phenol	7.12	94	359262	49.04	ng		97
11) bis(2-Chloroethyl)ether	7.23	93	320140	55.83	ng		97
12) 1,3-Dichlorobenzene	7.46	146	351811	51.19	ng		99
13) 1,4-Dichlorobenzene	7.54	146	366542	51.86	ng		99
14) 1,2-Dichlorobenzene	7.70	146	323676	49.25	ng		100
15) Benzyl Alcohol	7.63	79	260040	69.54	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.78	45	501171	45.65	ng		100
17) 2-Methylphenol	7.74	107	251700	56.42	ng		99
18) Hexachloroethane	8.04	117	119542	53.82	ng		98
19) n-Nitroso-di-n-propylamine	7.91	70	255898	72.68	ng		96
20) 3+4-Methylphenols	7.88	107	344613	58.21	ng		98
22) Acetophenone	7.92	105	462445	55.85	ng	#	99
24) Nitrobenzene	8.09	77	321240	61.56	ng		99
25) Isophorone	8.33	82	661000	64.10	ng		99
26) 2-Nitrophenol	8.41	139	115608	34.36	ng		99
27) 2,4-Dimethylphenol	8.43	122	288870	48.25	ng		99
28) bis(2-Chloroethoxy)methane	8.52	93	353936	51.14	ng		99
29) 2,4-Dichlorophenol	8.65	162	264312	56.06	ng		100
30) 1,2,4-Trichlorobenzene	8.75	180	301466	59.40	ng		99
31) Naphthalene	8.83	128	936595	48.07	ng		99
32) Benzoic acid	8.49	122	94617	24.11	ng		95
33) 4-Chloroaniline	8.87	127	545902	72.99	ng		99
34) Hexachlorobutadiene	8.96	225	161515	75.36	ng		99
35) Caprolactam	9.21	113	76776	45.28	ng	#	69
36) 4-Chloro-3-methylphenol	9.32	107	263336	62.42	ng		98
37) 2-Methylnaphthalene	9.53	142	647801	55.43	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.70	216	312497	62.35	ng		98
40) Hexachlorocyclopentadiene	9.69	237	161410	55.26	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.80	196	185320	56.11	ng		99
43) 2,4,5-Trichlorophenol	9.84	196	206429	59.98	ng		99
45) 1,1'-Biphenyl	10.00	154	750285	43.41	ng		99
46) 2-Chloronaphthalene	10.03	162	577256	49.29	ng		99
47) 2-Nitroaniline	10.10	65	143512	46.57	ng		99
48) Acenaphthylene	10.46	152	1004022	48.49	ng		100
49) Dimethylphthalate	10.27	163	674275	56.23	ng		99
50) 2,6-Dinitrotoluene	10.34	165	130888	46.67	ng		98
51) Acenaphthene	10.63	154	600037	46.88	ng		99
52) 3-Nitroaniline	10.51	138	156920	44.97	ng		99
53) 2,4-Dinitrophenol	10.62	184	38385	24.97	ng	#	73
54) Dibenzofuran	10.80	168	865090	53.46	ng		99
55) 4-Nitrophenol	10.65	139	125937	44.90	ng		96
56) 2,4-Dinitrotoluene	10.75	165	160248	46.45	ng		97
57) Fluorene	11.14	166	672348	47.38	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.90	232	143156	55.38	ng		98
59) Diethylphthalate	10.98	149	677069	56.32	ng		99
60) 4-Chlorophenyl-phenylether	11.13	204	320727	57.18	ng		94
61) 4-Nitroaniline	11.13	138	153065	43.65	ng		98
62) Azobenzene	11.29	77	661004	60.05	ng		90
64) 4,6-Dinitro-2-methylphenol	11.17	198	59626	28.58	ng		82
65) n-Nitrosodiphenylamine	11.23	169	579914	45.29	ng		100
66) 4-Bromophenyl-phenylether	11.63	248	197629	61.52	ng	#	71
67) Hexachlorobenzene	11.71	284	233312	67.42	ng		95
68) Atrazine	11.76	200	158718	53.90	ng		97
69) Pentachlorophenol	11.90	266	96320	43.88	ng		98
70) Phenanthrene	12.14	178	1031941	48.17	ng		100
71) Anthracene	12.19	178	1061791	50.01	ng		99
72) Carbazole	12.34	167	943413	48.14	ng		99
73) Di-n-butylphthalate	12.69	149	1109578m	47.42	ng		
74) Fluoranthene	13.45	202	1166830	63.89	ng		96
76) Benzidine	13.57	184	482747	55.61	ng		99
77) Pyrene	13.73	202	1192097	41.19	ng		99
79) Butylbenzylphthalate	14.45	149	444667	33.48	ng	#	77
80) Benzo(a)anthracene	15.20	228	1131670	51.57	ng		99
81) 3,3'-Dichlorobenzidine	15.14	252	373027	55.53	ng		99
82) Chrysene	15.26	228	1130098	53.03	ng		99
83) Bis(2-ethylhexyl)phthalate	15.17	149	698463	37.09	ng	#	95
84) Di-n-octyl phthalate	16.03	149	1078440	38.29	ng		100
85) Indeno(1,2,3-cd)pyrene	19.28	276	1206470	67.67	ng		99
87) Benzo(b)fluoranthene	16.65	252	1119433	53.85	ng		99
88) Benzo(k)fluoranthene	16.69	252	1027541m	48.23	ng		
89) Benzo(a)pyrene	17.15	252	1029901	52.82	ng		100
90) Dibenzo(a,h)anthracene	19.31	278	982866	58.17	ng		99
91) Benzo(g,h,i)perylene	19.90	276	998802	57.94	ng		97

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

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