Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040216\
Data File : BF085968.D
Acq On : 1 Apr 2016 18:19
Operator : UM/SJ
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED
Sohil
4/4/2016 7:32:06 PM

Quant Time: Apr 01 18:51:51 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 01 18:28:07 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	105412	20.00	ng		0.00
21) Naphthalene-d8	8.06	136	428150	20.00	ng		0.00
38) Acenaphthene-d10	9.81	164	195634	20.00	ng		0.00
63) Phenanthrene-d10	11.30	188	372043	20.00	ng		0.00
75) Chrysene-d12	13.94	240	275841	20.00	ng		0.01
86) Perylene-d12	15.33	264	236831	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	725758	114.66	ng		0.00
7) Phenol-d6	6.42	99	849597	105.57	ng		0.00
23) Nitrobenzene-d5	7.34	82	831514	109.37	ng		0.00
41) 2,4,6-Tribromophenol	10.60	330	203577	109.52	ng		0.00
44) 2-Fluorobiphenyl	9.14	172	1202646	102.71	ng		0.00
78) Terphenyl-d14	12.88	244	1336642	99.66	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.29	88	170141	56.29	ng		100
3) Pyridine	3.00	79	407580	56.25	ng		100
4) n-Nitrosodimethylamine	2.96	42	175699	60.57	ng		95
6) Aniline	6.44	93	580732	53.61	ng	#	87
8) 2-Chlorophenol	6.56	128	404405	54.99	ng		87
9) Benzaldehyde	6.33	77	226247	46.66	ng		94
10) Phenol	6.43	94	457002	50.12	ng		75
11) bis(2-Chloroethyl)ether	6.52	93	428096	61.02	ng		96
12) 1,3-Dichlorobenzene	6.72	146	449563m	56.77	ng		
13) 1,4-Dichlorobenzene	6.80	146	459780	57.25	ng		94
14) 1,2-Dichlorobenzene	6.94	146	399390	53.36	ng		96
15) Benzyl Alcohol	6.93	79	275276	51.27	ng		93
16) 2,2'-oxybis(1-Chloropropan	7.06	45	465045	49.96	ng		93
17) 2-Methylphenol	7.05	107	341073	57.93	ng		96
18) Hexachloroethane	7.29	117	170635	58.02	ng		100
19) n-Nitroso-di-n-propylamine	7.21	70	263034	54.59	ng		97
20) 3+4-Methylphenols	7.20	107	378187	53.43	ng	#	77
22) Acetophenone	7.20	105	526014	52.74	ng		94
24) Nitrobenzene	7.37	77	437225	55.79	ng		97
25) Isophorone	7.61	82	790284	53.96	ng		98
26) 2-Nitrophenol	7.69	139	229802	58.61	ng	#	88
27) 2,4-Dimethylphenol	7.72	122	369484	53.91	ng		99
28) bis(2-Chloroethoxy)methane	7.81	93	449438	53.86	ng		98
29) 2,4-Dichlorophenol	7.93	162	323774	56.20	ng		99
30) 1,2,4-Trichlorobenzene	8.01	180	361169	56.47	ng		95
31) Naphthalene	8.09	128	1192568	55.28	ng		99
32) Benzoic acid	7.88	122	282849	62.14	ng		99
33) 4-Chloroaniline	8.14	127	485607	55.13	ng		97
34) Hexachlorobutadiene	8.20	225	196345	56.48	ng		99
35) Caprolactam	8.53	113	115878	56.78	ng		94
36) 4-Chloro-3-methylphenol	8.62	107	346771	51.53	ng		94
37) 2-Methylnaphthalene	8.77	142	687499	50.61	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.94	216	350219	60.37	ng		99
40) Hexachlorocyclopentadiene	8.92	237	110781	57.79	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.06	196	223245	56.98	ng		99
43) 2,4,5-Trichlorophenol	9.10	196	224919	54.74	ng		97
45) 1,1'-Biphenyl	9.24	154	946805	57.35	ng		96
46) 2-Chloronaphthalene	9.26	162	678414	55.89	ng		94
47) 2-Nitroaniline	9.37	65	228185	61.47	ng		97
48) Acenaphthylene	9.68	152	1011189	51.12	ng		99
49) Dimethylphthalate	9.55	163	848589	57.17	ng		99
50) 2,6-Dinitrotoluene	9.61	165	161399	50.52	ng		96
51) Acenaphthene	9.85	154	607544	50.29	ng		99
52) 3-Nitroaniline	9.78	138	193121	52.81	ng		99
53) 2,4-Dinitrophenol	9.89	184	109833	80.23	ng	#	78
54) Dibenzofuran	10.02	168	788984	50.46	ng		99
55) 4-Nitrophenol	9.95	139	141838	59.54	ng		94
56) 2,4-Dinitrotoluene	10.02	165	231654	57.05	ng	#	70
57) Fluorene	10.36	166	662483	50.97	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.14	232	169860	59.48	ng		96
59) Diethylphthalate	10.25	149	823805	56.18	ng		96
60) 4-Chlorophenyl-phenylether	10.35	204	326186	51.32	ng		94
61) 4-Nitroaniline	10.40	138	201901	57.72	ng		91
62) Azobenzene	10.51	77	773777	54.91	ng		95
64) 4,6-Dinitro-2-methylphenol	10.43	198	145924	66.97	ng	#	66
65) n-Nitrosodiphenylamine	10.48	169	599360	50.86	ng		99
66) 4-Bromophenyl-phenylether	10.84	248	210080	55.19	ng		95
67) Hexachlorobenzene	10.91	284	218656	54.93	ng	#	87
68) Atrazine	11.01	200	224814	56.51	ng		95
69) Pentachlorophenol	11.10	266	111251	56.93	ng		100
70) Phenanthrene	11.32	178	1065473	55.78	ng		100
71) Anthracene	11.38	178	1156223	57.65	ng		99
72) Carbazole	11.53	167	930374	55.26	ng		99
73) Di-n-butylphthalate	11.86	149	1201231	51.99	ng		99
74) Fluoranthene	12.51	202	1202867	59.24	ng		92
76) Benzidine	12.64	184	593126	61.06	ng		98
77) Pyrene	12.74	202	1214796	53.58	ng		99
79) Butylbenzylphthalate	13.36	149	578433	60.92	ng		96
80) Benzo(a)anthracene	13.93	228	976970	62.11	ng		99
81) 3,3'-Dichlorobenzidine	13.89	252	739001	67.70	ng	#	97
82) Chrysene	13.96	228	965208	60.92	ng		99
83) Bis(2-ethylhexyl)phthalate	13.90	149	711365	62.57	ng		100
84) Di-n-octyl phthalate	14.52	149	1180206	69.81	ng		99
85) Indeno(1,2,3-cd)pyrene	16.71	276	735673	60.13	ng		99
87) Benzo(b)fluoranthene	14.95	252	901547m	60.43	ng		
88) Benzo(k)fluoranthene	14.97	252	706282m	52.51	ng		
89) Benzo(a)pyrene	15.28	252	772159	58.29	ng		97
90) Dibenzo(a,h)anthracene	16.71	278	619272	50.31	ng		98
91) Benzo(g,h,i)perylene	17.11	276	598540	48.03	ng		97

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

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