Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021316\
Data File : BF085056.D
Acq On : 12 Feb 2016 20:59
Operator : SJ/IZ
Sample : SSTDICC060
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED
Sohil
2/15/2016 4:43:04 PM

Quant Time: Feb 13 00:04:16 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF021316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 12 23:09:50 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.88	152	164838	20.00	ng		0.00
21) Naphthalene-d8	7.79	136	698252	20.00	ng		0.00
38) Acenaphthene-d10	10.59	164	318804	20.00	ng		0.01
63) Phenanthrene-d10	12.99	188	580493	20.00	ng		0.00
75) Chrysene-d12	17.18	240	375953	20.00	ng		0.00
86) Perylene-d12	18.80	264	292490	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.14	112	1099368	105.66	ng		-0.02
7) Phenol-d6	5.45	99	1546924	116.63	ng		0.01
23) Nitrobenzene-d5	6.72	82	1432651	116.33	ng		0.00
41) 2,4,6-Tribromophenol	11.90	330	403458	121.44	ng		0.01
44) 2-Fluorobiphenyl	9.54	172	2588578	119.34	ng		0.01
78) Terphenyl-d14	15.63	244	2176551	129.01	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	1.98	88	240622	52.54	ng		98
3) Pyridine	2.42	79	582477	49.23	ng		98
4) n-Nitrosodimethylamine	2.40	42	295934	49.13	ng		93
6) Aniline	5.46	93	869082	54.71	ng		96
8) 2-Chlorophenol	5.60	128	706741	59.10	ng		99
9) Benzaldehyde	5.29	77	366175	48.04	ng		97
10) Phenol	5.46	94	898603	59.87	ng		92
11) bis(2-Chloroethyl)ether	5.54	93	767114	64.88	ng		98
12) 1,3-Dichlorobenzene	5.79	146	715247	56.57	ng		97
13) 1,4-Dichlorobenzene	5.91	146	769216	60.30	ng		98
14) 1,2-Dichlorobenzene	6.11	146	714509	60.62	ng		99
15) Benzyl Alcohol	6.14	79	474832m	52.89	ng		
16) 2,2'-oxybis(1-Chloropropan	6.30	45	1158395	59.46	ng		98
17) 2-Methylphenol	6.32	107	488204	52.94	ng		94
18) Hexachloroethane	6.59	117	285199	58.56	ng		98
19) n-Nitroso-di-n-propylamine	6.51	70	481508	58.04	ng		97
20) 3+4-Methylphenols	6.57	107	618277	53.46	ng		97
22) Acetophenone	6.50	105	1075014	58.29	ng	#	97
24) Nitrobenzene	6.75	77	774072	57.60	ng		98
25) Isophorone	7.11	82	1311479	55.19	ng		99
26) 2-Nitrophenol	7.22	139	387626	59.22	ng		99
27) 2,4-Dimethylphenol	7.35	122	621591	54.81	ng		99
28) bis(2-Chloroethoxy)methane	7.47	93	803571	56.42	ng		100
29) 2,4-Dichlorophenol	7.62	162	561664	58.20	ng		97
30) 1,2,4-Trichlorobenzene	7.71	180	627287	57.02	ng		100
31) Naphthalene	7.82	128	2007549	57.01	ng		99
32) Benzoic acid	7.68	122	300219	43.22	ng		96
33) 4-Chloroaniline	7.96	127	785202	54.13	ng		99
34) Hexachlorobutadiene	8.02	225	358654	56.88	ng		96
35) Caprolactam	8.59	113	152448	52.92	ng		96
36) 4-Chloro-3-methylphenol	8.80	107	646252	57.81	ng		99
37) 2-Methylnaphthalene	8.92	142	1284411	59.11	ng		100
39) 1,2,4,5-Tetrachlorobenzene	9.19	216	620710	60.00	ng		99
40) Hexachlorocyclopentadiene	9.16	237	246097	69.04	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.42	196	358352	55.64	ng		99
43) 2,4,5-Trichlorophenol	9.50	196	393945	58.98	ng		98
45) 1,1'-Biphenyl	9.69	154	1703234	59.48	ng		99
46) 2-Chloronaphthalene	9.70	162	1204874	57.20	ng		97
47) 2-Nitroaniline	9.93	65	399298	59.08	ng		98
48) Acenaphthylene	10.36	152	1913670	59.65	ng		99
49) Dimethylphthalate	10.24	163	1423653	58.69	ng		99
50) 2,6-Dinitrotoluene	10.33	165	300282	57.32	ng		91
51) Acenaphthene	10.64	154	1154893	55.91	ng		99
52) 3-Nitroaniline	10.62	138	332116	55.73	ng		93
53) 2,4-Dinitrophenol	10.80	184	121202	58.92	ng		90
54) Dibenzofuran	10.94	168	1561110	61.16	ng		98
55) 4-Nitrophenol	11.03	139	226355	54.05	ng		97
56) 2,4-Dinitrotoluene	10.99	165	412277	60.56	ng		98
57) Fluorene	11.49	166	1337721	62.58	ng		100
58) 2,3,4,6-Tetrachlorophenol	11.17	232	317982	61.38	ng		97
59) Diethylphthalate	11.38	149	1420783	59.39	ng		98
60) 4-Chlorophenyl-phenylether	11.51	204	639608	62.27	ng		93
61) 4-Nitroaniline	11.65	138	311211	53.96	ng		97
62) Azobenzene	11.77	77	1369566	59.74	ng		97
64) 4,6-Dinitro-2-methylphenol	11.66	198	211457	60.75	ng		99
65) n-Nitrosodiphenylamine	11.73	169	1093971	60.10	ng		99
66) 4-Bromophenyl-phenylether	12.30	248	397739	62.42	ng	#	91
67) Hexachlorobenzene	12.37	284	416042	59.26	ng	#	89
68) Atrazine	12.64	200	321051	55.18	ng		97
69) Pentachlorophenol	12.72	266	177551	56.02	ng		96
70) Phenanthrene	13.04	178	1857504	57.30	ng		99
71) Anthracene	13.12	178	1958125	60.77	ng		99
72) Carbazole	13.43	167	1665279	59.57	ng		100
73) Di-n-butylphthalate	14.03	149	2086943	57.66	ng		99
74) Fluoranthene	14.96	202	1875750	58.05	ng		97
76) Benzidine	15.26	184	439195	42.88	ng		97
77) Pyrene	15.33	202	1873711	65.26	ng		99
79) Butylbenzylphthalate	16.45	149	796685	61.65	ng		95
80) Benzo(a)anthracene	17.17	228	1294784	55.93	ng		99
81) 3,3'-Dichlorobenzidine	17.17	252	396541	50.33	ng		98
82) Chrysene	17.21	228	1262841	56.64	ng		99
83) Bis(2-ethylhexyl)phthalate	17.27	149	1032685	63.36	ng		99
84) Di-n-octyl phthalate	18.02	149	1442486	54.89	ng		100
85) Indeno(1,2,3-cd)pyrene	20.10	276	1132138	63.87	ng		99
87) Benzo(b)fluoranthene	18.41	252	1036251m	52.58	ng		
88) Benzo(k)fluoranthene	18.43	252	939963m	58.32	ng		
89) Benzo(a)pyrene	18.74	252	955073	57.37	ng	#	98
90) Dibenzo(a,h)anthracene	20.11	278	933113	64.95	ng		97
91) Benzo(g,h,i)perylene	20.48	276	984915	68.06	ng		99

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

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