Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101116\
Data File : BF090499.D
Acq On : 11 Oct 2016 13:14
Operator : UM/SJ
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED
sohil
10/12/2016 4:08:10 PM

Quant Time: Oct 11 16:07:40 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 11 13:13:45 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	211311	20.00	ng		0.00
21) Naphthalene-d8	8.25	136	879698	20.00	ng		0.00
38) Acenaphthene-d10	10.01	164	444645	20.00	ng		0.00
63) Phenanthrene-d10	11.49	188	757262	20.00	ng		0.01
75) Chrysene-d12	14.13	240	646293	20.00	ng		0.00
86) Perylene-d12	15.61	264	550987	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	1472762	104.02	ng		0.00
7) Phenol-d6	6.59	99	1889436	101.89	ng		0.00
23) Nitrobenzene-d5	7.53	82	1824205	100.87	ng		0.01
41) 2,4,6-Tribromophenol	10.79	330	562022	155.45	ng		0.00
44) 2-Fluorobiphenyl	9.32	172	2662896	99.78	ng		0.00
78) Terphenyl-d14	13.08	244	3082473	107.23	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.61	88	388638	55.68	ng	#	83
3) Pyridine	3.37	79	1089193	55.97	ng	#	78
4) n-Nitrosodimethylamine	3.33	42	358444	44.63	ng	#	41
6) Aniline	6.61	93	1246710	48.67	ng	#	83
8) 2-Chlorophenol	6.74	128	805434	51.69	ng		96
9) Benzaldehyde	6.50	77	573466	61.18	ng		97
10) Phenol	6.60	94	989515	45.90	ng		90
11) bis(2-Chloroethyl)ether	6.69	93	811444	49.16	ng		99
12) 1,3-Dichlorobenzene	6.90	146	928011	59.75	ng		98
13) 1,4-Dichlorobenzene	6.98	146	917194	58.14	ng		93
14) 1,2-Dichlorobenzene	7.13	146	792952	52.17	ng		98
15) Benzyl Alcohol	7.10	79	794306	56.34	ng		93
16) 2,2'-oxybis(1-Chloropropan	7.23	45	1167762	41.71	ng		88
17) 2-Methylphenol	7.21	107	708603	55.30	ng		99
18) Hexachloroethane	7.47	117	334840	53.84	ng		96
19) n-Nitroso-di-n-propylamine	7.38	70	653411	48.05	ng	#	79
20) 3+4-Methylphenols	7.37	107	772674	46.58	ng	#	84
22) Acetophenone	7.37	105	1016792	48.80	ng		99
24) Nitrobenzene	7.54	77	844357	47.03	ng		99
25) Isophorone	7.79	82	1633595	49.41	ng	#	93
26) 2-Nitrophenol	7.86	139	483608	62.58	ng		92
27) 2,4-Dimethylphenol	7.89	122	732302	48.73	ng		97
28) bis(2-Chloroethoxy)methane	7.99	93	1022051	52.27	ng		99
29) 2,4-Dichlorophenol	8.10	162	613735	53.72	ng		91
30) 1,2,4-Trichlorobenzene	8.19	180	754738	64.09	ng		94
31) Naphthalene	8.27	128	2443758	57.58	ng		99
32) Benzoic acid	8.04	122	662624	63.42	ng		98
33) 4-Chloroaniline	8.31	127	1024416	58.40	ng	#	92
34) Hexachlorobutadiene	8.38	225	403605	61.35	ng		100
35) Caprolactam	8.69	113	201849	52.54	ng	#	80
36) 4-Chloro-3-methylphenol	8.79	107	688469	48.12	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	790249	67.41	ng		100
40) Hexachlorocyclopentadiene	9.11	237	384474	59.83	ng		100
42) 2,4,6-Trichlorophenol	9.24	196	486332	60.12	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.27	196	493346	64.50	ng		96
45) 1,1'-Biphenyl	9.42	154	1857304	56.37	ng		98
46) 2-Chloronaphthalene	9.45	162	1353953	55.62	ng		100
47) 2-Nitroaniline	9.54	65	458617	47.75	ng		97
48) Acenaphthylene	9.87	152	2379778	59.25	ng		99
49) Dimethylphthalate	9.73	163	1748310	61.39	ng		98
50) 2,6-Dinitrotoluene	9.79	165	431936	68.32	ng	#	59
51) Acenaphthene	10.04	154	1577558	62.99	ng		98
52) 3-Nitroaniline	9.96	138	492071	66.63	ng	#	69
53) 2,4-Dinitrophenol	10.05	184	204639	72.60	ng	#	79
54) Dibenzofuran	10.21	168	2152375	66.40	ng		98
55) 4-Nitrophenol	10.11	139	332414	51.44	ng		93
56) 2,4-Dinitrotoluene	10.19	165	565210	67.17	ng	#	65
57) Fluorene	10.55	166	1739602	63.85	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.33	232	457385	80.07	ng		95
59) Diethylphthalate	10.43	149	1751300	59.44	ng		98
60) 4-Chlorophenyl-phenylether	10.54	204	827761	66.82	ng		94
61) 4-Nitroaniline	10.58	138	526950	70.81	ng		85
62) Azobenzene	10.70	77	1827310	53.69	ng		90
64) 4,6-Dinitro-2-methylphenol	10.60	198	351810	76.56	ng	#	48
65) n-Nitrosodiphenylamine	10.66	169	1378369	54.32	ng		99
66) 4-Bromophenyl-phenylether	11.03	248	526501	70.93	ng		93
67) Hexachlorobenzene	11.10	284	577577	69.87	ng		95
68) Atrazine	11.19	200	438243	70.04	ng		92
69) Pentachlorophenol	11.30	266	334401	67.96	ng		98
70) Phenanthrene	11.51	178	2261478	58.32	ng		99
71) Anthracene	11.57	178	2382495	60.17	ng		97
72) Carbazole	11.72	167	2259486	61.42	ng		99
73) Di-n-butylphthalate	12.05	149	2647821	59.14	ng		99
74) Fluoranthene	12.70	202	2267914	59.63	ng		98
76) Benzidine	12.82	184	1183082	69.62	ng	#	96
77) Pyrene	12.93	202	2239256	51.96	ng		100
79) Butylbenzylphthalate	13.55	149	1077401	48.72	ng	#	84
80) Benzo(a)anthracene	14.12	228	2244458	61.90	ng		99
81) 3,3'-Dichlorobenzidine	14.09	252	795965	60.54	ng	#	97
82) Chrysene	14.17	228	2273625	68.13	ng		99
83) Bis(2-ethylhexyl)phthalate	14.11	149	1571418	50.00	ng	#	99
84) Di-n-octyl phthalate	14.73	149	2501920	53.69	ng	#	88
85) Indeno(1,2,3-cd)pyrene	17.09	276	1885023	79.22	ng		97
87) Benzo(b)fluoranthene	15.18	252	2148636	61.22	ng	#	97
88) Benzo(k)fluoranthene	15.22	252	2034396m	61.71	ng		
89) Benzo(a)pyrene	15.55	252	1865529	61.67	ng	#	97
90) Dibenzo(a,h)anthracene	17.12	278	1641593	63.79	ng	#	96
91) Benzo(g,h,i)perylene	17.55	276	1508220	61.07	ng		98

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

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