Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012417\
Data File : BF092423.D
Acq On : 24 Jan 2017 12:32
Operator : UM/SJ
Sample : SSTDICC060
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED
mohammad
1/25/2017 3:49:17 PM

Quant Time: Jan 24 13:05:32 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 24 12:41:11 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	163051	20.00	ng		0.00
21) Naphthalene-d8	8.27	136	675338	20.00	ng		0.00
38) Acenaphthene-d10	10.03	164	354559	20.00	ng		0.00
63) Phenanthrene-d10	11.52	188	575931	20.00	ng		-0.01
75) Chrysene-d12	14.17	240	459376	20.00	ng		0.00
86) Perylene-d12	15.64	264	349323	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	1221424	125.08	ng		0.01
7) Phenol-d6	6.60	99	1589296	133.30	ng		0.01
23) Nitrobenzene-d5	7.54	82	1469419	120.99	ng		0.00
41) 2,4,6-Tribromophenol	10.83	330	294934	100.51	ng		0.01
44) 2-Fluorobiphenyl	9.36	172	2178537	117.96	ng		0.00
78) Terphenyl-d14	13.12	244	1703177	89.92	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.64	88	332718	69.21	ng	#	83
3) Pyridine	3.39	79	981191	58.48	ng	#	84
4) n-Nitrosodimethylamine	3.36	42	479051	75.69	ng		80
6) Aniline	6.64	93	1148526	74.17	ng	#	47
8) 2-Chlorophenol	6.75	128	611266	55.03	ng		88
9) Benzaldehyde	6.52	77	539396	73.21	ng		98
10) Phenol	6.61	94	1001058	73.68	ng	#	74
11) bis(2-Chloroethyl)ether	6.70	93	638264	59.05	ng		89
12) 1,3-Dichlorobenzene	6.91	146	705273m	59.48	ng		
13) 1,4-Dichlorobenzene	6.99	146	754321	62.50	ng		96
14) 1,2-Dichlorobenzene	7.15	146	699360	66.78	ng		95
15) Benzyl Alcohol	7.12	79	600095	64.78	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.25	45	1339984	83.24	ng		92
17) 2-Methylphenol	7.22	107	560198	62.71	ng		98
18) Hexachloroethane	7.49	117	268439	59.99	ng		97
19) n-Nitroso-di-n-propylamine	7.40	70	548287	69.13	ng		97
20) 3+4-Methylphenols	7.38	107	595630	55.90	ng		92
22) Acetophenone	7.39	105	904650	54.31	ng		98
24) Nitrobenzene	7.56	77	739025	57.13	ng		100
25) Isophorone	7.81	82	1388823	61.98	ng		99
26) 2-Nitrophenol	7.88	139	354423	55.56	ng	#	85
27) 2,4-Dimethylphenol	7.92	122	651516	61.58	ng		97
28) bis(2-Chloroethoxy)methane	8.02	93	927104	68.23	ng		99
29) 2,4-Dichlorophenol	8.12	162	578704	64.59	ng		96
30) 1,2,4-Trichlorobenzene	8.20	180	587786	59.87	ng		95
31) Naphthalene	8.29	128	1927322	62.36	ng		99
32) Benzoic acid	8.05	122	507919	64.72	ng		96
33) 4-Chloroaniline	8.34	127	837866	60.12	ng		97
34) Hexachlorobutadiene	8.41	225	310053	59.83	ng		99
35) Caprolactam	8.73	113	196263m	66.66	ng		
36) 4-Chloro-3-methylphenol	8.82	107	604018	58.59	ng		98
37) 2-Methylnaphthalene	8.98	142	1184909	55.90	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.15	216	493381	55.08	ng		98
40) Hexachlorocyclopentadiene	9.14	237	265897	75.48	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.26	196	409147	65.31	ng		95
43) 2,4,5-Trichlorophenol	9.30	196	378895	58.77	ng	#	90
45) 1,1'-Biphenyl	9.46	154	1445935	59.56	ng		99
46) 2-Chloronaphthalene	9.48	162	1222377	63.58	ng		97
47) 2-Nitroaniline	9.57	65	468943	68.51	ng		95
48) Acenaphthylene	9.89	152	1639057	55.43	ng		99
49) Dimethylphthalate	9.76	163	1189552	52.46	ng		98
50) 2,6-Dinitrotoluene	9.81	165	268563	54.11	ng	#	65
51) Acenaphthene	10.06	154	1070753	53.42	ng		96
52) 3-Nitroaniline	9.98	138	321021	52.26	ng		95
53) 2,4-Dinitrophenol	10.09	184	149614	54.17	ng	#	72
54) Dibenzofuran	10.24	168	1418368	52.39	ng		99
55) 4-Nitrophenol	10.13	139	253264	60.73	ng		91
56) 2,4-Dinitrotoluene	10.22	165	418556	67.19	ng	#	73
57) Fluorene	10.59	166	1046993	53.16	ng		96
58) 2,3,4,6-Tetrachlorophenol	10.35	232	269602	52.87	ng		100
59) Diethylphthalate	10.46	149	1306036	59.30	ng		95
60) 4-Chlorophenyl-phenylether	10.58	204	528680	61.30	ng	#	82
61) 4-Nitroaniline	10.61	138	384824	60.46	ng		91
62) Azobenzene	10.74	77	1465315	60.43	ng		94
64) 4,6-Dinitro-2-methylphenol	10.64	198	204819	58.81	ng		81
65) n-Nitrosodiphenylamine	10.69	169	965554	56.50	ng		99
66) 4-Bromophenyl-phenylether	11.07	248	344186	57.45	ng	#	87
67) Hexachlorobenzene	11.13	284	307579	48.03	ng	#	80
68) Atrazine	11.23	200	373801	67.81	ng		94
69) Pentachlorophenol	11.32	266	235921	75.08	ng		98
70) Phenanthrene	11.55	178	1751944	56.10	ng		99
71) Anthracene	11.60	178	1717351	54.91	ng		100
72) Carbazole	11.76	167	1663072	57.48	ng		99
73) Di-n-butylphthalate	12.09	149	1768620	52.34	ng		98
74) Fluoranthene	12.74	202	1654873	53.11	ng		98
76) Benzidine	12.87	184	1041544	78.23	ng		96
77) Pyrene	12.97	202	1661394	49.29	ng		99
79) Butylbenzylphthalate	13.59	149	815829	53.22	ng		95
80) Benzo(a)anthracene	14.16	228	1299871	50.13	ng		99
81) 3,3'-Dichlorobenzidine	14.12	252	520290	52.91	ng		97
82) Chrysene	14.20	228	1406816	54.09	ng		98
83) Bis(2-ethylhexyl)phthalate	14.16	149	965862	53.50	ng	#	96
84) Di-n-octyl phthalate	14.77	149	1847152	55.24	ng		97
85) Indeno(1,2,3-cd)pyrene	17.14	276	1080788	47.96	ng	#	93
87) Benzo(b)fluoranthene	15.22	252	1346479	61.91	ng		97
88) Benzo(k)fluoranthene	15.24	252	1101300m	59.38	ng		
89) Benzo(a)pyrene	15.59	252	1111168	57.56	ng		98
90) Dibenzo(a,h)anthracene	17.16	278	935252	58.95	ng		96
91) Benzo(g,h,i)perylene	17.60	276	953771	57.81	ng	#	91

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

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