Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042016\
Data File : BF086305.D
Acq On : 20 Apr 2016 13:06
Operator : UM/SJ
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED
sohil
4/21/2016 7:08:34 PM

Quant Time: Apr 20 14:57:14 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 20 11:17:02 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	252331	20.00	ng		-0.03
21) Naphthalene-d8	8.16	136	1064344	20.00	ng		-0.02
38) Acenaphthene-d10	9.90	164	464246	20.00	ng		-0.03
63) Phenanthrene-d10	11.39	188	718081	20.00	ng		-0.02
75) Chrysene-d12	14.02	240	382288	20.00	ng		-0.03
86) Perylene-d12	15.45	264	460194	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	1990364	129.24	ng		-0.02
7) Phenol-d6	6.51	99	2523208	130.99	ng		-0.01
23) Nitrobenzene-d5	7.44	82	2523933	136.77	ng		-0.02
41) 2,4,6-Tribromophenol	10.69	330	491725	131.91	ng		-0.03
44) 2-Fluorobiphenyl	9.23	172	3297259	131.06	ng		-0.03
78) Terphenyl-d14	12.98	244	2321809	152.72	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.46	88	609795	71.80	ng		99
3) Pyridine	3.20	79	1714875	77.43	ng		98
4) n-Nitrosodimethylamine	3.16	42	618777	77.33	ng	#	74
6) Aniline	6.53	93	1832316	65.99	ng		92
8) 2-Chlorophenol	6.66	128	1146368	65.80	ng		82
9) Benzaldehyde	6.42	77	874123	63.96	ng		99
10) Phenol	6.52	94	1491121	65.00	ng		80
11) bis(2-Chloroethyl)ether	6.61	93	1343162	77.83	ng		91
12) 1,3-Dichlorobenzene	6.81	146	1270695	68.74	ng		96
13) 1,4-Dichlorobenzene	6.89	146	1377173	78.20	ng		98
15) Benzyl Alcohol	7.01	79	797649	58.37	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.15	45	1790816	66.59	ng		93
17) 2-Methylphenol	7.13	107	1026676	70.72	ng		98
18) Hexachloroethane	7.38	117	425082	63.99	ng		91
19) n-Nitroso-di-n-propylamine	7.30	70	822833	66.75	ng	#	88
24) Nitrobenzene	7.46	77	1269717	62.93	ng		97
25) Isophorone	7.70	82	2648019	72.32	ng		100
26) 2-Nitrophenol	7.77	139	681990	77.53	ng		90
27) 2,4-Dimethylphenol	7.81	122	1150631	64.77	ng		97
28) bis(2-Chloroethoxy)methane	7.90	93	1429024	66.38	ng		100
29) 2,4-Dichlorophenol	8.02	162	995517	73.71	ng		93
30) 1,2,4-Trichlorobenzene	8.10	180	1005635	71.15	ng		99
31) Naphthalene	8.18	128	3305216	69.54	ng		99
32) Benzoic acid	7.97	122	885404	77.96	ng		95
33) 4-Chloroaniline	8.22	127	1424354	67.05	ng		100
35) Caprolactam	8.64	113	366713	74.99	ng	#	76
36) 4-Chloro-3-methylphenol	8.72	107	1113744	71.16	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	850930	78.99	ng		97
40) Hexachlorocyclopentadiene	9.02	237	250298	45.74	ng		97
42) 2,4,6-Trichlorophenol	9.15	196	620759	67.88	ng		99
43) 2,4,5-Trichlorophenol	9.18	196	644604	72.97	ng	#	87
46) 2-Chloronaphthalene	9.36	162	1763989	64.65	ng		99
47) 2-Nitroaniline	9.46	65	728858	82.46	ng	#	67
48) Acenaphthylene	9.77	152	2862247	65.93	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
49) Dimethylphthalate	9.64	163	2352079	69.68	ng		99
50) 2,6-Dinitrotoluene	9.70	165	501932	67.20	ng	#	75
51) Acenaphthene	9.94	154	1755771	67.70	ng		100
52) 3-Nitroaniline	9.87	138	704903	77.66	ng		86
54) Dibenzofuran	10.11	168	2216961	64.73	ng		92
55) 4-Nitrophenol	10.03	139	474983	66.90	ng	#	73
56) 2,4-Dinitrotoluene	10.10	165	616073	64.43	ng	#	73
57) Fluorene	10.45	166	1524062	53.49	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.24	232	462935	72.15	ng		95
59) Diethylphthalate	10.34	149	2363978	67.85	ng		99
60) 4-Chlorophenyl-phenylether	10.45	204	777965	66.26	ng		90
61) 4-Nitroaniline	10.49	138	635119	80.96	ng		88
62) Azobenzene	10.61	77	2336342	68.54	ng		92
65) n-Nitrosodiphenylamine	10.57	169	1588560	72.24	ng		100
66) 4-Bromophenyl-phenylether	10.94	248	536526	80.17	ng	#	91
67) Hexachlorobenzene	11.00	284	497142	70.89	ng		91
68) Atrazine	11.09	200	519088	77.02	ng		99
69) Pentachlorophenol	11.20	266	327765	77.07	ng		98
70) Phenanthrene	11.41	178	2219581	64.71	ng		99
71) Anthracene	11.47	178	2608391	69.67	ng		99
72) Carbazole	11.62	167	2270708	69.62	ng		99
73) Di-n-butylphthalate	11.95	149	3003265	68.10	ng		99
74) Fluoranthene	12.60	202	2192374	62.41	ng		94
76) Benzidine	12.73	184	1135373	76.56	ng		98
77) Pyrene	12.83	202	2141751	73.03	ng		98
79) Butylbenzylphthalate	13.45	149	1156050	85.33	ng		89
80) Benzo(a)anthracene	14.01	228	1442959	68.76	ng		99
81) 3,3'-Dichlorobenzidine	13.99	252	1000099	82.21	ng	#	97
82) Chrysene	14.05	228	1659544	74.16	ng		99
83) Bis(2-ethylhexyl)phthalate	14.01	149	1170133	79.98	ng		100
84) Di-n-octyl phthalate	14.61	149	2339251	82.96	ng		98
85) Indeno(1,2,3-cd)pyrene	16.85	276	1863094	101.29	ng		97
87) Benzo(b)fluoranthene	15.04	252	2118529m	74.62	ng		
88) Benzo(k)fluoranthene	15.07	252	1277549m	49.35	ng		
89) Benzo(a)pyrene	15.39	252	1697016	69.00	ng		98
90) Dibenzo(a,h)anthracene	16.88	278	1511575	69.55	ng		99
91) Benzo(g,h,i)perylene	17.28	276	1520783	65.81	ng		97

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

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