Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092016\
Data File : BF090135.D
Acq On : 20 Sep 2016 13:32
Operator : UM/SJ
Sample : SSTDICC080
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED
sohil
9/21/2016 4:16:38 PM

Quant Time: Sep 20 15:55:30 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 20 13:15:49 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.52	152	161681	20.00	ng		0.00
21) Naphthalene-d8	7.82	136	643518	20.00	ng		0.00
38) Acenaphthene-d10	9.55	164	330123	20.00	ng		0.00
63) Phenanthrene-d10	11.03	188	527113	20.00	ng		0.00
75) Chrysene-d12	13.65	240	351214	20.00	ng		0.01
86) Perylene-d12	14.96	264	278080	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.08	112	1386643	137.93	ng		0.01
7) Phenol-d6	6.19	99	1706401	129.65	ng		0.02
23) Nitrobenzene-d5	7.11	82	1581802	138.21	ng		0.01
41) 2,4,6-Tribromophenol	10.35	330	429225	129.44	ng		0.01
44) 2-Fluorobiphenyl	8.90	172	2213618	105.31	ng		0.01
78) Terphenyl-d14	12.62	244	1985377	134.24	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	1.93	88	392083	74.70	ng		98
3) Pyridine	2.52	79	1012841	84.62	ng		100
4) n-Nitrosodimethylamine	2.50	42	302784	81.47	ng		96
6) Aniline	6.19	93	1099523	67.31	ng	#	84
8) 2-Chlorophenol	6.31	128	783905	67.68	ng		97
9) Benzaldehyde	6.07	77	418103	59.60	ng		93
10) Phenol	6.20	94	1050179	71.09	ng	#	73
11) bis(2-Chloroethyl)ether	6.27	93	788532	66.56	ng		97
12) 1,3-Dichlorobenzene	6.47	146	890638	74.75	ng		97
13) 1,4-Dichlorobenzene	6.55	146	881294	71.65	ng		96
14) 1,2-Dichlorobenzene	6.70	146	613087m	54.85	ng		
15) Benzyl Alcohol	6.68	79	493946	66.64	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.82	45	925536	65.92	ng		78
17) 2-Methylphenol	6.81	107	663582	70.05	ng		96
18) Hexachloroethane	7.04	117	322001	72.14	ng	#	91
19) n-Nitroso-di-n-propylamine	6.98	70	578024	70.67	ng		96
20) 3+4-Methylphenols	6.97	107	716168	62.27	ng		95
22) Acetophenone	6.96	105	1163877	74.71	ng	#	99
24) Nitrobenzene	7.13	77	923475	76.60	ng	#	79
25) Isophorone	7.37	82	1788210	74.62	ng		98
26) 2-Nitrophenol	7.44	139	478816	81.91	ng		94
27) 2,4-Dimethylphenol	7.50	122	709593	68.99	ng		98
28) bis(2-Chloroethoxy)methane	7.59	93	938282	66.75	ng		100
29) 2,4-Dichlorophenol	7.69	162	659344	72.57	ng		97
30) 1,2,4-Trichlorobenzene	7.76	180	601153	67.07	ng		99
31) Naphthalene	7.84	128	2107543	66.63	ng		99
32) Benzoic acid	7.68	122	575596	77.88	ng		96
33) 4-Chloroaniline	7.90	127	883096	65.60	ng		99
34) Hexachlorobutadiene	7.96	225	326964	71.24	ng		99
35) Caprolactam	8.31	113	249910	82.37	ng		98
36) 4-Chloro-3-methylphenol	8.40	107	705371	66.87	ng		97
37) 2-Methylnaphthalene	8.52	142	1223334	62.36	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.70	216	509993	60.08	ng		100
40) Hexachlorocyclopentadiene	8.68	237	300184	68.05	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.81	196	400259	65.06	ng		99
43) 2,4,5-Trichlorophenol	8.86	196	419921	63.45	ng	#	90
45) 1,1'-Biphenyl	8.99	154	1493857	55.30	ng		98
46) 2-Chloronaphthalene	9.02	162	1210950	60.50	ng		99
47) 2-Nitroaniline	9.12	65	447478	70.03	ng		92
48) Acenaphthylene	9.43	152	2011349	59.83	ng		100
49) Dimethylphthalate	9.31	163	1482000	60.44	ng		99
50) 2,6-Dinitrotoluene	9.37	165	391254	71.40	ng	#	79
51) Acenaphthene	9.60	154	1219294	64.94	ng		100
52) 3-Nitroaniline	9.53	138	420411	63.06	ng		94
54) Dibenzofuran	9.77	168	1561474	60.14	ng		99
55) 4-Nitrophenol	9.71	139	346074	73.76	ng		95
56) 2,4-Dinitrotoluene	9.77	165	431965	64.67	ng	#	79
57) Fluorene	10.10	166	1076684	52.86	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.88	232	293557	58.16	ng		98
59) Diethylphthalate	10.01	149	1526627	64.31	ng		96
61) 4-Nitroaniline	10.16	138	466905	69.19	ng		99
62) Azobenzene	10.26	77	1431494	57.46	ng		97
64) 4,6-Dinitro-2-methylphenol	10.17	198	257695	79.89	ng	#	60
65) n-Nitrosodiphenylamine	10.23	169	1122025	67.18	ng		100
66) 4-Bromophenyl-phenylether	10.59	248	378094	74.41	ng		98
67) Hexachlorobenzene	10.65	284	442772	73.95	ng		96
68) Atrazine	10.77	200	319303	64.34	ng		97
69) Pentachlorophenol	10.85	266	290444	82.80	ng		98
70) Phenanthrene	11.05	178	1654816	64.96	ng		99
71) Anthracene	11.11	178	1883430	67.72	ng		99
72) Carbazole	11.27	167	1969176	69.02	ng		99
73) Di-n-butylphthalate	11.61	149	1961307	61.30	ng		99
74) Fluoranthene	12.23	202	1744775	65.37	ng		98
76) Benzidine	12.37	184	966880	67.49	ng		99
77) Pyrene	12.46	202	1900105	74.13	ng		99
79) Butylbenzylphthalate	13.10	149	1032591	80.90	ng		98
80) Benzo(a)anthracene	13.63	228	1423899	69.45	ng		99
81) 3,3'-Dichlorobenzidine	13.61	252	592253	68.92	ng		98
82) Chrysene	13.67	228	1165613m	60.61	ng		
83) Bis(2-ethylhexyl)phthalate	13.66	149	1054863	66.81	ng		100
84) Di-n-octyl phthalate	14.26	149	1821206	64.53	ng		99
85) Indeno(1,2,3-cd)pyrene	16.14	276	1158136	69.31	ng		98
87) Benzo(b)fluoranthene	14.62	252	1115894m	68.45	ng		
88) Benzo(k)fluoranthene	14.65	252	1222472m	83.29	ng		
89) Benzo(a)pyrene	14.91	252	1047449	71.65	ng	#	95
90) Dibenzo(a,h)anthracene	16.16	278	942034	82.28	ng		97
91) Benzo(g,h,i)perylene	16.49	276	979799	89.68	ng		94

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

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