Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110316\
Data File : BF091009.D
Acq On : 3 Nov 2016 20:41
Operator : UM/SJ
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED
Sohil
11/4/2016 8:32:38 AM

Quant Time: Nov 04 01:32:13 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 04 01:12:28 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	201170	20.00	ng		0.00
21) Naphthalene-d8	8.00	136	838456	20.00	ng		0.00
38) Acenaphthene-d10	9.74	164	415475	20.00	ng		0.00
63) Phenanthrene-d10	11.23	188	677109	20.00	ng		0.00
75) Chrysene-d12	13.87	240	496819	20.00	ng		0.01
86) Perylene-d12	15.25	264	423695	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.30	112	1474543	113.04	ng		0.01
7) Phenol-d6	6.36	99	1765866	107.63	ng		0.01
23) Nitrobenzene-d5	7.29	82	1765722	118.69	ng		0.01
41) 2,4,6-Tribromophenol	10.54	330	511286	121.69	ng		0.01
44) 2-Fluorobiphenyl	9.08	172	2709653	98.91	ng		0.01
78) Terphenyl-d14	12.82	244	2473719	112.89	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.21	88	376639	64.28	ng		99
3) Pyridine	2.88	79	1048878	68.88	ng		99
4) n-Nitrosodimethylamine	2.85	42	380658	50.73	ng		93
6) Aniline	6.37	93	1086269	54.46	ng	#	76
8) 2-Chlorophenol	6.50	128	841096	57.33	ng		86
9) Benzaldehyde	6.25	77	443327	46.91	ng		99
10) Phenol	6.37	94	908100	49.50	ng		93
11) bis(2-Chloroethyl)ether	6.45	93	861875	59.82	ng		94
12) 1,3-Dichlorobenzene	6.65	146	883579	56.70	ng		98
13) 1,4-Dichlorobenzene	6.73	146	910420	58.39	ng		99
14) 1,2-Dichlorobenzene	6.88	146	753045	51.89	ng		97
15) Benzyl Alcohol	6.86	79	591302	52.45	ng		95
16) 2,2'-oxybis(1-Chloropropan	6.99	45	1183794	50.33	ng		64
17) 2-Methylphenol	6.98	107	664695	57.18	ng		98
18) Hexachloroethane	7.22	117	347448	57.83	ng		98
19) n-Nitroso-di-n-propylamine	7.14	70	597625	57.91	ng		98
20) 3+4-Methylphenols	7.14	107	709187	48.77	ng	#	82
22) Acetophenone	7.13	105	1047627	48.07	ng	#	97
24) Nitrobenzene	7.30	77	885877	53.68	ng		92
25) Isophorone	7.55	82	1626673	56.28	ng		98
26) 2-Nitrophenol	7.62	139	475668	61.04	ng	#	74
27) 2,4-Dimethylphenol	7.66	122	679070	49.65	ng		97
28) bis(2-Chloroethoxy)methane	7.76	93	893566	51.45	ng		100
29) 2,4-Dichlorophenol	7.87	162	601047	52.26	ng		89
30) 1,2,4-Trichlorobenzene	7.94	180	674581	51.44	ng		98
31) Naphthalene	8.02	128	2127306	50.16	ng		98
32) Benzoic acid	7.85	122	580127	66.01	ng		97
33) 4-Chloroaniline	8.08	127	984328	56.08	ng	#	95
34) Hexachlorobutadiene	8.13	225	377132	50.92	ng		99
35) Caprolactam	8.48	113	188873m	54.14	ng		
36) 4-Chloro-3-methylphenol	8.57	107	637138	47.30	ng		90
37) 2-Methylnaphthalene	8.70	142	1439693	55.34	ng		100
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	640521	48.57	ng		100
40) Hexachlorocyclopentadiene	8.86	237	243486	54.65	ng		98

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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.99	196	425692	51.04	ng		99
43) 2,4,5-Trichlorophenol	9.04	196	437021	51.11	ng	#	91
45) 1,1'-Biphenyl	9.17	154	1665695	45.82	ng		99
46) 2-Chloronaphthalene	9.20	162	1293687	47.81	ng		97
47) 2-Nitroaniline	9.30	65	478162	53.46	ng		89
48) Acenaphthylene	9.61	152	2015291	49.41	ng		99
49) Dimethylphthalate	9.49	163	1681766	54.23	ng		99
50) 2,6-Dinitrotoluene	9.55	165	387802	58.07	ng	#	74
51) Acenaphthene	9.79	154	1311845	49.90	ng		99
52) 3-Nitroaniline	9.72	138	460899	59.61	ng		83
53) 2,4-Dinitrophenol	9.82	184	186118	68.35	ng	#	80
54) Dibenzofuran	9.96	168	1782371	54.78	ng		90
55) 4-Nitrophenol	9.89	139	277461	51.13	ng	#	84
56) 2,4-Dinitrotoluene	9.95	165	402221	45.96	ng	#	75
57) Fluorene	10.30	166	1374741	50.73	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.08	232	342963	51.45	ng		99
59) Diethylphthalate	10.18	149	1523931	49.44	ng		98
60) 4-Chlorophenyl-phenylether	10.29	204	682013	52.49	ng		94
61) 4-Nitroaniline	10.34	138	423899	55.74	ng		98
62) Azobenzene	10.45	77	1836879	60.71	ng		94
64) 4,6-Dinitro-2-methylphenol	10.36	198	240138	58.12	ng	#	35
65) n-Nitrosodiphenylamine	10.42	169	1307615	61.93	ng		100
66) 4-Bromophenyl-phenylether	10.78	248	425849	58.64	ng	#	65
67) Hexachlorobenzene	10.84	284	434023	52.88	ng	#	90
68) Atrazine	10.94	200	284238	41.35	ng		96
69) Pentachlorophenol	11.04	266	212054	56.46	ng		98
70) Phenanthrene	11.25	178	1829809	48.11	ng		99
71) Anthracene	11.31	178	2231261	59.98	ng		99
72) Carbazole	11.47	167	1981202	60.91	ng		97
73) Di-n-butylphthalate	11.80	149	2343434	54.66	ng		98
74) Fluoranthene	12.44	202	2152025	57.58	ng		91
76) Benzidine	12.57	184	649617	46.80	ng		97
77) Pyrene	12.67	202	2226027	60.79	ng		100
79) Butylbenzylphthalate	13.29	149	961756	57.06	ng		99
80) Benzo(a)anthracene	13.85	228	1771306	58.19	ng		99
81) 3,3'-Dichlorobenzidine	13.83	252	664161	62.59	ng	#	98
82) Chrysene	13.89	228	1790193	60.43	ng		97
83) Bis(2-ethylhexyl)phthalate	13.86	149	1302885	60.81	ng	#	93
84) Di-n-octyl phthalate	14.47	149	2039021	57.48	ng		99
85) Indeno(1,2,3-cd)pyrene	16.58	276	1504332	64.31	ng		98
87) Benzo(b)fluoranthene	14.87	252	1585555m	54.83	ng		
88) Benzo(k)fluoranthene	14.90	252	1685050m	70.62	ng		
89) Benzo(a)pyrene	15.20	252	1418750	57.60	ng	#	97
90) Dibenzo(a,h)anthracene	16.59	278	1339563	64.38	ng		97
91) Benzo(g,h,i)perylene	16.97	276	1192605	57.84	ng		99

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

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