Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021215\
Data File : BF077289.D
Acq On : 12 Feb 2015 17:06
Operator : TP/IZ
Sample : SSTDICC060
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDICC060

Manual Integrations APPROVED
mohammad
2/13/2015 5:40:05 PM

Quant Time: Feb 13 02:55:59 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF021215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 13 01:12:14 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.49	152	23472	20.00	ng		0.00
21) Naphthalene-d8	10.41	136	111137	20.00	ng		0.00
38) Acenaphthene-d10	14.52	164	58713	20.00	ng		0.00
63) Phenanthrene-d10	17.44	188	95745	20.00	ng		0.00
75) Chrysene-d12	20.96	240	94594	20.00	ng		0.00
86) Perylene-d12	22.58	264	78612	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	4.49	112	197550	138.25	ng		0.00
7) Phenol-d6	6.93	99	241585	133.88	ng		0.00
23) Nitrobenzene-d5	8.82	82	241396	120.73	ng		0.00
41) 2,4,6-Tribromophenol	16.31	330	61184	128.60	ng		0.00
44) 2-Fluorobiphenyl	13.07	172	467121	120.89	ng		0.00
78) Terphenyl-d14	19.70	244	498634	121.81	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	0.99	88	35134	58.18	ng		94
3) Pyridine	1.40	79	112003	73.88	ng		95
4) n-Nitrosodimethylamine	1.38	42	43519	55.05	ng		87
6) Aniline	6.78	93	164299	66.21	ng		99
8) 2-Chlorophenol	7.02	128	110054	66.58	ng		96
9) Benzaldehyde	6.50	77	70648	65.32	ng		94
10) Phenol	6.97	94	123671m	64.55	ng		
11) bis(2-Chloroethyl)ether	7.06	93	101119	66.90	ng		87
12) 1,3-Dichlorobenzene	7.33	146	121724	65.15	ng		100
13) 1,4-Dichlorobenzene	7.54	146	121875	61.83	ng		96
14) 1,2-Dichlorobenzene	7.85	146	117379	64.37	ng		98
15) Benzyl Alcohol	7.96	79	98180	67.47	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.30	45	136049	67.40	ng		96
17) 2-Methylphenol	8.33	107	85211	63.67	ng		98
18) Hexachloroethane	8.59	117	45148	65.31	ng		97
19) n-Nitroso-di-n-propylamine	8.60	70	82578	65.66	ng		97
20) 3+4-Methylphenols	8.72	107	108849	61.50	ng		98
22) Acetophenone	8.51	105	164803	60.64	ng		98
24) Nitrobenzene	8.85	77	117293	57.80	ng		98
25) Isophorone	9.46	82	212383	58.69	ng		98
26) 2-Nitrophenol	9.60	139	59007	62.66	ng		96
27) 2,4-Dimethylphenol	9.90	122	99122	63.00	ng		93
28) bis(2-Chloroethoxy)methane	10.10	93	127781	61.42	ng		99
29) 2,4-Dichlorophenol	10.21	162	90097m	60.81	ng		
30) 1,2,4-Trichlorobenzene	10.33	180	97831	60.43	ng		98
31) Naphthalene	10.46	128	324661	57.51	ng		99
32) Benzoic acid	10.33	122	16858	21.88	ng		94
33) 4-Chloroaniline	10.73	127	138472	60.16	ng		97
34) Hexachlorobutadiene	10.83	225	53739	56.54	ng		97
35) Caprolactam	11.62	113	25478	59.48	ng	#	88
36) 4-Chloro-3-methylphenol	12.04	107	101756	60.58	ng		97
37) 2-Methylnaphthalene	12.11	142	236505	60.48	ng		99
39) 1,2,4,5-Tetrachlorobenzene	12.51	216	90053	61.63	ng	#	100
40) Hexachlorocyclopentadiene	12.50	237	41506	71.32	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.88	196	59230	57.19	ng		97
43) 2,4,5-Trichlorophenol	12.98	196	55403	51.90	ng		94
45) 1,1'-Biphenyl	13.27	154	272026	62.37	ng		98
46) 2-Chloronaphthalene	13.24	162	216392	60.43	ng		99
47) 2-Nitroaniline	13.60	65	67968	62.60	ng		95
48) Acenaphthylene	14.18	152	343396	57.49	ng		99
49) Dimethylphthalate	14.16	163	254605	60.94	ng		99
50) 2,6-Dinitrotoluene	14.25	165	53512	64.89	ng		97
51) Acenaphthene	14.60	154	192291	56.51	ng		98
52) 3-Nitroaniline	14.60	138	61573	62.08	ng	#	88
53) 2,4-Dinitrophenol	14.90	184	14990	56.60	ng	#	68
54) Dibenzofuran	15.03	168	307052	61.40	ng		98
55) 4-Nitrophenol	15.24	139	31513	49.96	ng		99
56) 2,4-Dinitrotoluene	15.19	165	72172	64.25	ng	#	98
57) Fluorene	15.81	166	253747	60.13	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.40	232	38045	48.81	ng	#	100
59) Diethylphthalate	15.84	149	263266	62.01	ng		98
60) 4-Chlorophenyl-phenylether	15.92	204	104588	60.40	ng		97
61) 4-Nitroaniline	16.00	138	56807	59.40	ng		93
62) Azobenzene	16.21	77	244153m	56.30	ng		
64) 4,6-Dinitro-2-methylphenol	16.07	198	33718	69.68	ng		95
65) n-Nitrosodiphenylamine	16.18	169	206416	60.91	ng		98
66) 4-Bromophenyl-phenylether	16.80	248	62713	64.85	ng		99
67) Hexachlorobenzene	16.81	284	62047	60.79	ng		100
68) Atrazine	17.21	200	69893	68.67	ng		92
69) Pentachlorophenol	17.20	266	17524	48.21	ng		96
70) Phenanthrene	17.47	178	348632	58.77	ng		99
71) Anthracene	17.55	178	349182	59.96	ng		99
72) Carbazole	17.85	167	330946	58.98	ng		99
73) Di-n-butylphthalate	18.45	149	433145	65.92	ng		99
74) Fluoranthene	19.14	202	359649	59.48	ng		94
76) Benzidine	19.38	184	194440	62.64	ng		98
77) Pyrene	19.41	202	357840	56.18	ng		99
79) Butylbenzylphthalate	20.36	149	190375	64.71	ng		100
80) Benzo(a)anthracene	20.95	228	350390	59.54	ng		100
81) 3,3'-Dichlorobenzidine	20.96	252	119204	62.37	ng		98
82) Chrysene	20.98	228	300208	56.40	ng		99
83) Bis(2-ethylhexyl)phthalate	21.11	149	275769	66.78	ng		98
84) Di-n-octyl phthalate	21.87	149	480352	66.95	ng		99
85) Indeno(1,2,3-cd)pyrene	23.67	276	312024m	55.67	ng		
87) Benzo(b)fluoranthene	22.18	252	367991	69.45	ng		98
88) Benzo(k)fluoranthene	22.21	252	236858m	51.83	ng		
89) Benzo(a)pyrene	22.52	252	288589	62.06	ng	#	98
90) Dibenzo(a,h)anthracene	23.69	278	257335m	60.84	ng		
91) Benzo(g,h,i)perylene	23.92	276	252924m	60.17	ng		

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

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