Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060515\
Data File : BF079742.D
Acq On : 5 Jun 2015 21:47
Operator : TP/IZ
Sample : SSTDICC050
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED
apatel
6/9/2015 8:09:19 AM

Quant Time: Jun 08 07:33:23 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 06 11:17:04 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.50	152	48364	20.00	ng		0.00
21) Naphthalene-d8	8.79	136	203239	20.00	ng		0.00
38) Acenaphthene-d10	10.56	164	100822	20.00	ng		0.00
63) Phenanthrene-d10	12.08	188	212132	20.00	ng		0.00
75) Chrysene-d12	15.11	240	220952	20.00	ng		0.00
86) Perylene-d12	17.07	264	219639	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.10	112	290336	103.03	ng		0.00
7) Phenol-d6	7.08	99	392262	106.52	ng		0.00
23) Nitrobenzene-d5	8.04	82	335731	101.56	ng		0.00
41) 2,4,6-Tribromophenol	11.36	330	103193	112.60	ng		0.00
44) 2-Fluorobiphenyl	9.86	172	727581	102.71	ng		0.00
78) Terphenyl-d14	13.79	244	933942	99.05	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.53	88	64082	50.40	ng		97
3) Pyridine	4.26	79	188572	52.67	ng		95
4) n-Nitrosodimethylamine	4.18	42	73781	45.17	ng		98
6) Aniline	7.14	93	267232	52.38	ng		97
8) 2-Chlorophenol	7.27	128	157694	49.07	ng		89
9) Benzaldehyde	7.04	77	121772	52.67	ng		83
10) Phenol	7.10	94	213357	55.61	ng		93
11) bis(2-Chloroethyl)ether	7.20	93	154411	49.26	ng		93
12) 1,3-Dichlorobenzene	7.44	146	194981m	52.64	ng		
13) 1,4-Dichlorobenzene	7.51	146	205638	52.16	ng		97
14) 1,2-Dichlorobenzene	7.67	146	196825	56.17	ng		96
15) Benzyl Alcohol	7.61	79	162733	58.52	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.75	45	237101	46.11	ng		99
17) 2-Methylphenol	7.71	107	146946	55.02	ng		97
18) Hexachloroethane	8.02	117	60627	49.84	ng	#	65
19) n-Nitroso-di-n-propylamine	7.87	70	122949	48.55	ng		96
20) 3+4-Methylphenols	7.86	107	186488	51.73	ng		96
22) Acetophenone	7.88	105	234293	47.72	ng	#	95
24) Nitrobenzene	8.07	77	173046	50.53	ng	#	80
25) Isophorone	8.30	82	325965	45.16	ng		95
26) 2-Nitrophenol	8.39	139	70600	55.17	ng		93
27) 2,4-Dimethylphenol	8.40	122	150390	45.80	ng		93
28) bis(2-Chloroethoxy)methane	8.50	93	207207	50.70	ng	#	98
29) 2,4-Dichlorophenol	8.63	162	142251	50.08	ng		90
30) 1,2,4-Trichlorobenzene	8.72	180	166206	48.68	ng		95
31) Naphthalene	8.81	128	516466	46.44	ng		99
32) Benzoic acid	8.46	122	58443m	48.40	ng		
33) 4-Chloroaniline	8.83	127	262494	57.53	ng	#	91
34) Hexachlorobutadiene	8.92	225	99655	49.75	ng		98
35) Caprolactam	9.18	113	42381	49.18	ng		91
36) 4-Chloro-3-methylphenol	9.30	107	152441	50.54	ng	#	82
37) 2-Methylnaphthalene	9.51	142	333051	44.83	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.67	216	156829	48.60	ng		99
40) Hexachlorocyclopentadiene	9.66	237	71280	49.61	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.77	196	104968	52.35	ng		96
43) 2,4,5-Trichlorophenol	9.82	196	115355	50.71	ng	#	90
45) 1,1'-Biphenyl	9.96	154	433106	53.06	ng		97
46) 2-Chloronaphthalene	10.00	162	347498	52.11	ng		94
47) 2-Nitroaniline	10.08	65	79115	55.23	ng	#	76
48) Acenaphthylene	10.42	152	575890	50.69	ng		99
49) Dimethylphthalate	10.25	163	397707	51.24	ng		98
50) 2,6-Dinitrotoluene	10.32	165	67943	50.86	ng	#	69
51) Acenaphthene	10.59	154	330973	50.03	ng		97
52) 3-Nitroaniline	10.49	138	87181	55.99	ng		82
53) 2,4-Dinitrophenol	10.59	184	16621	58.95	ng	#	1
54) Dibenzofuran	10.76	168	461484	48.47	ng		93
55) 4-Nitrophenol	10.63	139	61605	47.92	ng	#	77
56) 2,4-Dinitrotoluene	10.72	165	78211	49.15	ng	#	50
57) Fluorene	11.12	166	407304	50.02	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.88	232	95589m	55.22	ng		
59) Diethylphthalate	10.96	149	390898	50.40	ng		95
60) 4-Chlorophenyl-phenylether	11.10	204	187545	52.14	ng		91
61) 4-Nitroaniline	11.11	138	84982	52.02	ng		82
62) Azobenzene	11.26	77	401476	53.52	ng		93
64) 4,6-Dinitro-2-methylphenol	11.14	198	27491	52.93	ng	#	71
65) n-Nitrosodiphenylamine	11.21	169	344359	51.34	ng		100
66) 4-Bromophenyl-phenylether	11.60	248	115635	51.49	ng	#	84
67) Hexachlorobenzene	11.68	284	124603	49.58	ng	#	76
68) Atrazine	11.72	200	104574	47.71	ng		93
69) Pentachlorophenol	11.87	266	55219	46.70	ng		99
70) Phenanthrene	12.10	178	595912	48.59	ng		99
71) Anthracene	12.16	178	625321	51.41	ng		99
72) Carbazole	12.31	167	566575	50.02	ng		99
73) Di-n-butylphthalate	12.64	149	642444	47.73	ng	#	80
74) Fluoranthene	13.39	202	666753	49.73	ng		94
76) Benzidine	13.51	184	353527	53.95	ng		99
77) Pyrene	13.66	202	685119	50.04	ng		99
79) Butylbenzylphthalate	14.35	149	285005	54.04	ng	#	76
80) Benzo(a)anthracene	15.09	228	665917	49.56	ng		99
81) 3,3'-Dichlorobenzidine	15.03	252	239886	52.10	ng		99
82) Chrysene	15.13	228	622021	49.42	ng		99
83) Bis(2-ethylhexyl)phthalate	15.05	149	458254	55.53	ng		100
84) Di-n-octyl phthalate	15.87	149	771680	55.22	ng		98
85) Indeno(1,2,3-cd)pyrene	19.09	276	729021	51.31	ng		99
87) Benzo(b)fluoranthene	16.49	252	709320	50.26	ng		99
88) Benzo(k)fluoranthene	16.53	252	590935	43.71	ng		99
89) Benzo(a)pyrene	16.99	252	613149	47.45	ng		99
90) Dibenzo(a,h)anthracene	19.11	278	583847	48.79	ng		100
91) Benzo(g,h,i)perylene	19.69	276	606308	49.57	ng		97

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

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