Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062915\
Data File : BF080207.D
Acq On : 29 Jun 2015 15:08
Operator : TP/IZ
Sample : PB84255BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB84255BS

Manual Integrations APPROVED
apatel
6/30/2015 2:13:56 PM

Quant Time: Jun 30 10:51:44 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 23 00:53:56 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.29	152	38805	20.00	ng		-0.03
21) Naphthalene-d8	8.58	136	155866	20.00	ng		-0.03
38) Acenaphthene-d10	10.36	164	83807	20.00	ng		-0.03
63) Phenanthrene-d10	11.86	188	170129	20.00	ng		-0.05
75) Chrysene-d12	14.87	240	183010	20.00	ng		-0.13
86) Perylene-d12	16.77	264	179924	20.00	ng		-0.16
System Monitoring Compounds							
5) 2-Fluorophenol	5.91	112	215375	98.25	ng		-0.02
7) Phenol-d6	6.90	99	284451	97.51	ng		-0.02
23) Nitrobenzene-d5	7.85	82	174781	65.28	ng		-0.02
41) 2,4,6-Tribromophenol	11.16	330	71849	87.67	ng		-0.02
44) 2-Fluorobiphenyl	9.66	172	323189	55.00	ng		-0.03
78) Terphenyl-d14	13.57	244	407881	52.05	ng		-0.10
Target Compounds							Qvalue
2) 1,4-Dioxane	3.16	88	23897	22.93	ng		90
3) Pyridine	3.98	79	86259	31.13	ng	#	83
4) n-Nitrosodimethylamine	3.89	42	35759	27.15	ng		98
6) Aniline	6.95	93	96440	24.03	ng		95
8) 2-Chlorophenol	7.08	128	77003	30.39	ng		88
9) Benzaldehyde	6.84	77	32201	19.12	ng	#	68
10) Phenol	6.92	94	99388	31.22	ng		84
11) bis(2-Chloroethyl)ether	7.02	93	67741	26.82	ng		85
12) 1,3-Dichlorobenzene	7.24	146	86146m	28.30	ng		
13) 1,4-Dichlorobenzene	7.32	146	94150	32.53	ng		95
14) 1,2-Dichlorobenzene	7.48	146	78857	28.00	ng		98
15) Benzyl Alcohol	7.42	79	65095	27.29	ng	#	75
16) 2,2'-oxybis(1-Chloropropan	7.57	45	118771	31.68	ng		83
17) 2-Methylphenol	7.53	107	60316	27.87	ng	#	90
18) Hexachloroethane	7.82	117	28707	29.79	ng	#	80
19) n-Nitroso-di-n-propylamine	7.69	70	52879	26.11	ng	#	75
20) 3+4-Methylphenols	7.68	107	83136	29.77	ng		91
22) Acetophenone	7.69	105	107593	29.62	ng	#	82
24) Nitrobenzene	7.88	77	77011	27.87	ng	#	79
25) Isophorone	8.10	82	142291	26.41	ng	#	83
26) 2-Nitrophenol	8.20	139	37370	32.31	ng	#	78
27) 2,4-Dimethylphenol	8.22	122	71983	29.84	ng	#	83
28) bis(2-Chloroethoxy)methane	8.31	93	86909	27.45	ng	#	91
29) 2,4-Dichlorophenol	8.44	162	68244	33.04	ng		98
30) 1,2,4-Trichlorobenzene	8.53	180	75548	32.21	ng		96
31) Naphthalene	8.61	128	226536m	27.80	ng		
32) Benzoic acid	8.28	122	13796	9.46	ng	#	66
33) 4-Chloroaniline	8.64	127	66659	19.11	ng	#	82
34) Hexachlorobutadiene	8.73	225	39551	27.38	ng		98
35) Caprolactam	8.98	113	18757	27.98	ng		95
36) 4-Chloro-3-methylphenol	9.12	107	61822	26.53	ng		97
37) 2-Methylnaphthalene	9.30	142	162845	30.89	ng	#	92
39) 1,2,4,5-Tetrachlorobenzene	9.48	216	72950	29.91	ng		98
40) Hexachlorocyclopentadiene	9.46	237	54023	45.93	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.58	196	49221	29.66	ng		98
43) 2,4,5-Trichlorophenol	9.61	196	46850	24.51	ng	#	89
45) 1,1'-Biphenyl	9.76	154	179241	26.29	ng		94
46) 2-Chloronaphthalene	9.80	162	154019	27.84	ng		96
47) 2-Nitroaniline	9.88	65	37992	25.02	ng	#	59
48) Acenaphthylene	10.22	152	253396	27.44	ng		97
49) Dimethylphthalate	10.06	163	161225	25.59	ng	#	97
50) 2,6-Dinitrotoluene	10.12	165	32750	25.93	ng	#	44
51) Acenaphthene	10.39	154	153184	27.12	ng		89
52) 3-Nitroaniline	10.29	138	34757	23.85	ng	#	51
53) 2,4-Dinitrophenol	10.40	184	24159	49.40	ng	#	9
54) Dibenzofuran	10.56	168	218304	27.23	ng	#	90
55) 4-Nitrophenol	10.44	139	59640	51.20	ng	#	47
56) 2,4-Dinitrotoluene	10.53	165	50432	31.46	ng	#	84
57) Fluorene	10.92	166	168507	26.49	ng		92
58) 2,3,4,6-Tetrachlorophenol	10.68	232	40562	25.13	ng	#	98
59) Diethylphthalate	10.76	149	156757	24.71	ng		96
60) 4-Chlorophenyl-phenylether	10.89	204	81660	26.72	ng	#	89
61) 4-Nitroaniline	10.90	138	41709	27.71	ng	#	51
62) Azobenzene	11.05	77	166927	25.85	ng		85
64) 4,6-Dinitro-2-methylphenol	10.94	198	18176	26.27	ng		88
65) n-Nitrosodiphenylamine	11.01	169	151817	27.40	ng		92
66) 4-Bromophenyl-phenylether	11.40	248	50823	28.09	ng	#	86
67) Hexachlorobenzene	11.48	284	53430	26.58	ng	#	80
68) Atrazine	11.53	200	49010	28.00	ng		81
69) Pentachlorophenol	11.66	266	48382	42.47	ng		100
70) Phenanthrene	11.89	178	261812	25.42	ng		97
71) Anthracene	11.94	178	279049	28.14	ng		99
72) Carbazole	12.09	167	236242	24.95	ng		96
73) Di-n-butylphthalate	12.42	149	257960	23.58	ng	#	98
74) Fluoranthene	13.16	202	278790	25.41	ng		95
76) Benzidine	13.28	184	167889	32.82	ng		98
77) Pyrene	13.42	202	299875	26.61	ng		97
79) Butylbenzylphthalate	14.13	149	117406	25.95	ng		93
80) Benzo(a)anthracene	14.85	228	292845	26.27	ng		97
81) 3,3'-Dichlorobenzidine	14.79	252	76066	19.78	ng	#	95
82) Chrysene	14.89	228	271539	26.41	ng		95
83) Bis(2-ethylhexyl)phthalate	14.84	149	166646	23.30	ng		94
84) Di-n-octyl phthalate	15.66	149	277967	22.68	ng		95
85) Indeno(1,2,3-cd)pyrene	18.61	276	319238	24.62	ng	#	88
87) Benzo(b)fluoranthene	16.23	252	276131	25.35	ng	#	86
88) Benzo(k)fluoranthene	16.27	252	297901	26.85	ng	#	87
89) Benzo(a)pyrene	16.69	252	283152	27.37	ng	#	86
90) Dibenzo(a,h)anthracene	18.63	278	268112	25.32	ng	#	82
91) Benzo(g,h,i)perylene	19.16	276	274309	25.66	ng	#	78

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

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