Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100915\
Data File : BF082162.D
Acq On : 9 Oct 2015 23:47
Operator : UM/IZ
Sample : G3928-04MS
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OS-SB-22(46-48)MS

Manual Integrations APPROVED
MMDadoda
10/12/2015 2:46:24 PM

Quant Time: Oct 10 05:10:37 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 09 22:47:26 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	88119	20.00	ng		0.00
21) Naphthalene-d8	8.14	136	332139	20.00	ng		0.00
38) Acenaphthene-d10	9.90	164	149303	20.00	ng		0.00
63) Phenanthrene-d10	11.38	188	245124	20.00	ng		0.00
75) Chrysene-d12	14.02	240	188819	20.00	ng		-0.01
86) Perylene-d12	15.46	264	133326	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	622352	128.21	ng		0.02
7) Phenol-d6	6.49	99	780290	127.75	ng		0.00
23) Nitrobenzene-d5	7.43	82	380500	76.37	ng		0.00
41) 2,4,6-Tribromophenol	10.69	330	155798	103.04	ng		-0.01
44) 2-Fluorobiphenyl	9.22	172	791191	89.62	ng		0.00
78) Terphenyl-d14	12.97	244	618675	118.28	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.53	88	83854	39.72	ng		89
3) Pyridine	3.25	79	238138	43.33	ng		89
4) n-Nitrosodimethylamine	3.22	42	99309	39.78	ng		96
6) Aniline	6.51	93	218207	26.59	ng	#	20
8) 2-Chlorophenol	6.64	128	252113	47.03	ng		96
9) Benzaldehyde	6.40	77	45943	11.49	ng	#	84
10) Phenol	6.51	94	276342	40.33	ng	#	39
11) bis(2-Chloroethyl)ether	6.59	93	253000	47.61	ng		95
12) 1,3-Dichlorobenzene	6.79	146	265829	41.98	ng	#	94
13) 1,4-Dichlorobenzene	6.87	146	285613	43.20	ng	#	93
14) 1,2-Dichlorobenzene	7.02	146	248457m	42.17	ng		
15) Benzyl Alcohol	7.01	79	190192	43.14	ng	#	80
16) 2,2'-oxybis(1-Chloropropan	7.13	45	329437	43.86	ng		79
17) 2-Methylphenol	7.12	107	199240	45.84	ng	#	84
18) Hexachloroethane	7.36	117	73511	35.51	ng	#	84
19) n-Nitroso-di-n-propylamine	7.27	70	157501	42.43	ng	#	78
20) 3+4-Methylphenols	7.27	107	227380	41.42	ng	#	57
22) Acetophenone	7.27	105	316118	46.55	ng	#	77
24) Nitrobenzene	7.44	77	228848	42.30	ng	#	67
25) Isophorone	7.68	82	447118	45.27	ng	#	90
26) 2-Nitrophenol	7.76	139	98733	38.02	ng	#	78
27) 2,4-Dimethylphenol	7.79	122	209716	45.90	ng	#	79
28) bis(2-Chloroethoxy)methane	7.90	93	292896	49.94	ng	#	93
29) 2,4-Dichlorophenol	8.00	162	207318	46.80	ng		96
30) 1,2,4-Trichlorobenzene	8.08	180	221659	44.82	ng		97
31) Naphthalene	8.16	128	665262	45.20	ng		97
32) Benzoic acid	7.86	122	3520m	8.44	ng		
33) 4-Chloroaniline	8.22	127	117746	18.50	ng	#	94
34) Hexachlorobutadiene	8.27	225	136884	46.80	ng		98
35) Caprolactam	8.59	113	59381	48.42	ng		98
36) 4-Chloro-3-methylphenol	8.71	107	207815	47.97	ng		89
37) 2-Methylnaphthalene	8.86	142	467929	46.58	ng	#	91
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	205694	44.88	ng		98
40) Hexachlorocyclopentadiene	9.01	237	27987	11.86	ng		98

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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 09 22:47:26 2015
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	138462	44.06	ng		96
43) 2,4,5-Trichlorophenol	9.18	196	135555m	41.95	ng		
45) 1,1'-Biphenyl	9.33	154	512109	44.46	ng		93
46) 2-Chloronaphthalene	9.35	162	422982	46.77	ng		98
47) 2-Nitroaniline	9.45	65	127097	47.87	ng		94
48) Acenaphthylene	9.76	152	623478	43.07	ng		96
49) Dimethylphthalate	9.62	163	613418	59.52	ng	#	98
50) 2,6-Dinitrotoluene	9.69	165	98046	43.82	ng	#	92
51) Acenaphthene	9.93	154	363043	42.23	ng		89
52) 3-Nitroaniline	9.86	138	100981	39.01	ng	#	87
54) Dibenzofuran	10.10	168	547159	45.04	ng	#	89
55) 4-Nitrophenol	10.02	139	112573	60.19	ng	#	41
56) 2,4-Dinitrotoluene	10.09	165	111953	39.25	ng	#	82
57) Fluorene	10.45	166	406410	46.86	ng		93
58) 2,3,4,6-Tetrachlorophenol	10.23	232	106746	41.64	ng	#	92
59) Diethylphthalate	10.32	149	452922	47.05	ng		99
60) 4-Chlorophenyl-phenylether	10.43	204	187714	42.21	ng	#	81
61) 4-Nitroaniline	10.48	138	101778	39.21	ng	#	66
62) Azobenzene	10.59	77	408597	43.49	ng		88
64) 4,6-Dinitro-2-methylphenol	10.50	198	7327	8.93	ng		76
65) n-Nitrosodiphenylamine	10.56	169	372229	50.19	ng		92
66) 4-Bromophenyl-phenylether	10.93	248	115105	46.57	ng		95
67) Hexachlorobenzene	10.99	284	121669	43.62	ng	#	79
68) Atrazine	11.09	200	99844	43.39	ng		83
69) Pentachlorophenol	11.19	266	119420	75.14	ng		100
70) Phenanthrene	11.41	178	534252	45.30	ng		96
71) Anthracene	11.46	178	571685	45.89	ng		99
72) Carbazole	11.62	167	490320	43.48	ng		97
73) Di-n-butylphthalate	11.94	149	646325	56.62	ng	#	98
74) Fluoranthene	12.60	202	531577	40.48	ng		90
76) Benzidine	12.73	184	324214	56.99	ng		97
77) Pyrene	12.82	202	527905	46.80	ng		96
79) Butylbenzylphthalate	13.44	149	244910	57.70	ng	#	85
80) Benzo(a)anthracene	14.01	228	438706	43.15	ng		96
81) 3,3'-Dichlorobenzidine	13.98	252	158856	46.26	ng	#	94
82) Chrysene	14.06	228	442025	61.99	ng		96
83) Bis(2-ethylhexyl)phthalate	14.00	149	439851	82.61	ng	#	93
84) Di-n-octyl phthalate	14.62	149	597837	69.00	ng	#	92
85) Indeno(1,2,3-cd)pyrene	16.88	276	308106	38.74	ng	#	87
87) Benzo(b)fluoranthene	15.05	252	375517m	49.33	ng		
88) Benzo(k)fluoranthene	15.08	252	322644m	46.25	ng		
89) Benzo(a)pyrene	15.41	252	320709	48.57	ng	#	85
90) Dibenzo(a,h)anthracene	16.89	278	261479	47.20	ng	#	82
91) Benzo(g,h,i)perylene	17.32	276	246205	43.37	ng	#	74

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

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