Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040816\
Data File : BF086166.D
Acq On : 8 Apr 2016 14:14
Operator : UM/SJ
Sample : PB89612BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB89612BS

Manual Integrations APPROVED
Sohil
4/11/2016 5:45:11 PM

Quant Time: Apr 08 23:53:53 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 01 23:17:06 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	111873	20.00	ng		-0.05
21) Naphthalene-d8	8.01	136	449119	20.00	ng		-0.06
38) Acenaphthene-d10	9.77	164	217455	20.00	ng		-0.05
63) Phenanthrene-d10	11.25	188	394932	20.00	ng		-0.05
75) Chrysene-d12	13.88	240	287606	20.00	ng		-0.05
86) Perylene-d12	15.28	264	241001	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.33	112	729748	111.50	ng		-0.03
7) Phenol-d6	6.38	99	977334	117.56	ng		-0.03
23) Nitrobenzene-d5	7.30	82	583961	76.68	ng		-0.05
41) 2,4,6-Tribromophenol	10.56	330	223738	109.62	ng		-0.05
44) 2-Fluorobiphenyl	9.09	172	1109051	84.80	ng		-0.05
78) Terphenyl-d14	12.83	244	937082	76.59	ng		-0.05
Target Compounds							Qvalue
2) 1,4-Dioxane	2.33	88	97868	31.54	ng		97
3) Pyridine	3.02	79	253287	36.46	ng		99
4) n-Nitrosodimethylamine	2.97	42	121991	39.94	ng		97
6) Aniline	6.40	93	175463	16.09	ng	#	1
8) 2-Chlorophenol	6.51	128	294180	37.69	ng		88
9) Benzaldehyde	6.28	77	97877	21.88	ng		91
10) Phenol	6.40	94	393962	41.54	ng		96
11) bis(2-Chloroethyl)ether	6.46	93	278835m	37.13	ng		
12) 1,3-Dichlorobenzene	6.67	146	302864	36.61	ng		99
13) 1,4-Dichlorobenzene	6.74	146	312319	36.64	ng		99
14) 1,2-Dichlorobenzene	6.90	146	293638	37.43	ng		99
15) Benzyl Alcohol	6.89	79	231570	43.05	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.01	45	327451	35.69	ng		77
17) 2-Methylphenol	7.00	107	242822	39.46	ng		96
18) Hexachloroethane	7.23	117	115652	36.89	ng	#	83
19) n-Nitroso-di-n-propylamine	7.15	70	200657	38.94	ng		95
20) 3+4-Methylphenols	7.16	107	322205	43.05	ng	#	61
22) Acetophenone	7.15	105	413046	39.12	ng	#	89
24) Nitrobenzene	7.32	77	320819	38.51	ng	#	86
25) Isophorone	7.56	82	586462	39.01	ng		96
26) 2-Nitrophenol	7.64	139	160789	40.34	ng	#	90
27) 2,4-Dimethylphenol	7.69	122	282122	39.40	ng		93
28) bis(2-Chloroethoxy)methane	7.77	93	347035	39.34	ng		98
29) 2,4-Dichlorophenol	7.88	162	250487	41.38	ng		98
30) 1,2,4-Trichlorobenzene	7.96	180	260174	38.29	ng		95
31) Naphthalene	8.03	128	836921	37.05	ng		99
32) Benzoic acid	7.82	122	138406	26.35	ng		98
33) 4-Chloroaniline	8.10	127	93280	10.22	ng		98
34) Hexachlorobutadiene	8.16	225	139088	38.08	ng		98
35) Caprolactam	8.46	113	79156m	41.22	ng		
36) 4-Chloro-3-methylphenol	8.59	107	266812	39.21	ng		97
37) 2-Methylnaphthalene	8.73	142	567301	38.44	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.90	216	244575	37.42	ng		100
40) Hexachlorocyclopentadiene	8.88	237	141305	64.90	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.01	196	155640	37.08	ng		100
43) 2,4,5-Trichlorophenol	9.06	196	165574	38.86	ng	#	87
45) 1,1'-Biphenyl	9.20	154	669669	35.72	ng		94
46) 2-Chloronaphthalene	9.22	162	524094	38.56	ng		98
47) 2-Nitroaniline	9.32	65	165569	41.63	ng		99
48) Acenaphthylene	9.63	152	837415	38.46	ng		100
49) Dimethylphthalate	9.49	163	600791	37.28	ng		100
50) 2,6-Dinitrotoluene	9.56	165	120502	35.34	ng		94
51) Acenaphthene	9.80	154	496798	38.37	ng		99
52) 3-Nitroaniline	9.73	138	68620	16.70	ng		97
53) 2,4-Dinitrophenol	9.86	184	106911	54.89	ng	#	69
54) Dibenzofuran	9.97	168	685760	40.10	ng		99
55) 4-Nitrophenol	9.92	139	149343	61.64	ng		93
56) 2,4-Dinitrotoluene	9.97	165	163895	38.04	ng	#	58
57) Fluorene	10.32	166	563413	38.57	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.10	232	132526	41.77	ng		95
59) Diethylphthalate	10.19	149	582507	35.81	ng		96
60) 4-Chlorophenyl-phenylether	10.30	204	248465	36.51	ng		99
61) 4-Nitroaniline	10.35	138	139571	34.48	ng		92
62) Azobenzene	10.46	77	638664	40.99	ng		98
64) 4,6-Dinitro-2-methylphenol	10.38	198	82227	34.36	ng	#	77
65) n-Nitrosodiphenylamine	10.43	169	491047	39.76	ng		99
66) 4-Bromophenyl-phenylether	10.80	248	164874	40.89	ng		95
67) Hexachlorobenzene	10.86	284	171429	41.11	ng		98
68) Atrazine	10.96	200	142224	35.64	ng		96
69) Pentachlorophenol	11.06	266	123817	63.36	ng		100
70) Phenanthrene	11.28	178	856276	39.74	ng		99
71) Anthracene	11.32	178	777657	34.46	ng		100
72) Carbazole	11.48	167	685977	35.36	ng		99
73) Di-n-butylphthalate	11.81	149	919382	38.24	ng		100
74) Fluoranthene	12.45	202	795517	35.50	ng		100
76) Benzidine	12.59	184	269314	26.54	ng		97
77) Pyrene	12.68	202	786102	38.79	ng		99
79) Butylbenzylphthalate	13.31	149	390329	42.77	ng		95
80) Benzo(a)anthracene	13.87	228	654723	38.62	ng		99
81) 3,3'-Dichlorobenzidine	13.84	252	114616	9.26	ng		99
82) Chrysene	13.92	228	650494	39.83	ng		99
83) Bis(2-ethylhexyl)phthalate	13.86	149	501368	41.39	ng		99
84) Di-n-octyl phthalate	14.48	149	883747	45.69	ng		99
85) Indeno(1,2,3-cd)pyrene	16.61	276	479197	36.17	ng		99
87) Benzo(b)fluoranthene	14.89	252	565289m	37.29	ng		
88) Benzo(k)fluoranthene	14.91	252	558373m	41.59	ng		
89) Benzo(a)pyrene	15.22	252	515434	38.37	ng		97
90) Dibenzo(a,h)anthracene	16.63	278	408853	37.83	ng		97
91) Benzo(g,h,i)perylene	17.01	276	393510	37.62	ng		98

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

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