Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010416\
Data File : BF084270.D
Acq On : 5 Jan 2016 7:21
Operator : UM/SJ
Sample : G4987-02MS
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DRUM(116-142)COMPOSITEMS

Manual Integrations APPROVED
Sohil
1/5/2016 4:07:30 PM

Quant Time: Jan 05 07:57:18 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 04 12:22:40 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	257440	20.00	ng		-0.01
21) Naphthalene-d8	8.18	136	1087166	20.00	ng		-0.01
38) Acenaphthene-d10	9.94	164	498477	20.00	ng		-0.01
63) Phenanthrene-d10	11.42	188	854467	20.00	ng		0.00
75) Chrysene-d12	14.05	240	531225	20.00	ng		-0.01
86) Perylene-d12	15.49	264	542167	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	2036334	127.94	ng		0.04
7) Phenol-d6	6.54	99	2260660	113.09	ng		0.01
23) Nitrobenzene-d5	7.46	82	1708307	87.45	ng		-0.01
41) 2,4,6-Tribromophenol	10.73	330	605547	120.33	ng		-0.01
44) 2-Fluorobiphenyl	9.26	172	3012342	108.02	ng		0.00
78) Terphenyl-d14	13.00	244	2147925	90.25	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.72	88	314687m	41.74	ng		
3) Pyridine	3.44	79	677656m	32.24	ng		
4) n-Nitrosodimethylamine	3.34	42	479113	44.40	ng	#	77
6) Aniline	6.56	93	438278	14.99	ng	#	1
8) 2-Chlorophenol	6.68	128	806253	44.65	ng		85
9) Benzaldehyde	6.44	77	188613	14.49	ng		94
10) Phenol	6.56	94	842516	37.07	ng		92
11) bis(2-Chloroethyl)ether	6.64	93	886776	50.37	ng		90
12) 1,3-Dichlorobenzene	6.83	146	847566	45.50	ng	#	93
13) 1,4-Dichlorobenzene	6.91	146	917651	49.12	ng		95
14) 1,2-Dichlorobenzene	7.06	146	768280	42.95	ng		96
15) Benzyl Alcohol	7.05	79	746466	44.39	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.17	45	1368212	42.68	ng		89
17) 2-Methylphenol	7.16	107	690700	45.64	ng	#	91
18) Hexachloroethane	7.40	117	345104	46.20	ng		96
19) n-Nitroso-di-n-propylamine	7.31	70	586861	43.37	ng	#	70
20) 3+4-Methylphenols	7.31	107	818282	46.00	ng	#	58
22) Acetophenone	7.31	105	1215321	46.49	ng	#	91
24) Nitrobenzene	7.48	77	983299	49.63	ng		91
25) Isophorone	7.72	82	1711253	45.80	ng		98
26) 2-Nitrophenol	7.79	139	444075	49.25	ng	#	81
27) 2,4-Dimethylphenol	7.84	122	825721	45.24	ng		96
28) bis(2-Chloroethoxy)methane	7.93	93	1039658	45.56	ng		98
29) 2,4-Dichlorophenol	8.04	162	730053	48.02	ng		98
30) 1,2,4-Trichlorobenzene	8.12	180	783337	49.91	ng	#	95
31) Naphthalene	8.20	128	2590685	52.52	ng		98
32) Benzoic acid	7.96	122	438449m	38.73	ng		
33) 4-Chloroaniline	8.25	127	232124	10.27	ng		98
34) Hexachlorobutadiene	8.32	225	417952	46.32	ng		98
35) Caprolactam	8.64	113	188176m	36.72	ng		
36) 4-Chloro-3-methylphenol	8.75	107	848045	49.80	ng		99
37) 2-Methylnaphthalene	8.90	142	1678861	47.42	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.06	216	693253	48.38	ng		98
40) Hexachlorocyclopentadiene	9.05	237	681540	78.78	ng		98

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Quant Time: Jan 05 07:57:18 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 04 12:22:40 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.17	196	490201	45.72	ng		97
43) 2,4,5-Trichlorophenol	9.22	196	455204	44.29	ng	#	83
45) 1,1'-Biphenyl	9.36	154	1832089	46.24	ng		98
46) 2-Chloronaphthalene	9.38	162	1423582	45.75	ng		97
47) 2-Nitroaniline	9.48	65	525480	51.16	ng		96
48) Acenaphthylene	9.80	152	2359132	51.31	ng		96
49) Dimethylphthalate	9.66	163	1707605	47.92	ng	#	90
50) 2,6-Dinitrotoluene	9.72	165	360767	46.16	ng	#	48
51) Acenaphthene	9.97	154	1747891	56.68	ng		96
52) 3-Nitroaniline	9.89	138	254851	26.31	ng		89
53) 2,4-Dinitrophenol	10.00	184	276171	82.82	ng	#	87
54) Dibenzofuran	10.14	168	2097793	53.05	ng		93
55) 4-Nitrophenol	10.08	139	568743	80.90	ng		82
56) 2,4-Dinitrotoluene	10.12	165	476029	48.12	ng	#	76
57) Fluorene	10.49	166	1650861	53.92	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.26	232	381888	43.52	ng		93
59) Diethylphthalate	10.36	149	1626080	46.28	ng		99
60) 4-Chlorophenyl-phenylether	10.48	204	700189	55.59	ng		94
61) 4-Nitroaniline	10.51	138	360731	41.78	ng		94
62) Azobenzene	10.64	77	1829546	47.47	ng		89
64) 4,6-Dinitro-2-methylphenol	10.53	198	226497	43.48	ng		95
65) n-Nitrosodiphenylamine	10.60	169	1451558	53.13	ng		98
66) 4-Bromophenyl-phenylether	10.97	248	477907	51.96	ng	#	87
67) Hexachlorobenzene	11.02	284	498566	48.16	ng	#	73
68) Atrazine	11.13	200	375740	42.03	ng		98
69) Pentachlorophenol	11.23	266	434414	80.94	ng		98
70) Phenanthrene	11.45	178	2318527	51.87	ng		96
71) Anthracene	11.49	178	2070630	47.26	ng		97
72) Carbazole	11.65	167	1726418	40.31	ng		98
73) Di-n-butylphthalate	11.98	149	2294685	52.56	ng	#	95
74) Fluoranthene	12.64	202	2076109	44.47	ng		93
76) Benzidine	12.75	184	230211	12.09	ng		98
77) Pyrene	12.85	202	1986119	47.64	ng		98
79) Butylbenzylphthalate	13.48	149	875562	48.54	ng		99
80) Benzo(a)anthracene	14.04	228	1396674	44.78	ng		99
81) 3,3'-Dichlorobenzidine	14.01	252	384201	35.29	ng	#	95
82) Chrysene	14.09	228	1405833	46.90	ng		100
83) Bis(2-ethylhexyl)phthalate	14.04	149	997186	43.76	ng	#	95
84) Di-n-octyl phthalate	14.65	149	1683682	43.76	ng	#	87
85) Indeno(1,2,3-cd)pyrene	16.91	276	1576966	66.37	ng		100
87) Benzo(b)fluoranthene	15.08	252	1572748m	44.35	ng		
88) Benzo(k)fluoranthene	15.11	252	1363530m	47.01	ng		
89) Benzo(a)pyrene	15.44	252	1469894	48.86	ng	#	97
90) Dibenzo(a,h)anthracene	16.93	278	1289164	49.80	ng		99
91) Benzo(g,h,i)perylene	17.35	276	1273400	47.50	ng		99

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

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