Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011216\
Data File : BF084426.D
Acq On : 12 Jan 2016 23:11
Operator : SJ/UM
Sample : PB87777BS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB87777BS

Manual Integrations APPROVED
MMdadoda
1/13/2016 3:29:48 PM

Quant Time: Jan 13 01:37:27 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	6.84	152	272420	20.00	ng		-0.06
21) Naphthalene-d8	8.13	136	1118309	20.00	ng		-0.06
38) Acenaphthene-d10	9.88	164	478934	20.00	ng		-0.07
63) Phenanthrene-d10	11.37	188	895528	20.00	ng		-0.06
75) Chrysene-d12	14.01	240	641205	20.00	ng		-0.06
86) Perylene-d12	15.43	264	483980	20.00	ng		-0.08
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	1911986	113.52	ng		-0.03
7) Phenol-d6	6.49	99	2478554	117.17	ng		-0.05
23) Nitrobenzene-d5	7.41	82	1598549	79.56	ng		-0.06
41) 2,4,6-Tribromophenol	10.68	330	630737	130.45	ng		-0.06
44) 2-Fluorobiphenyl	9.21	172	2290494	84.06	ng		-0.06
78) Terphenyl-d14	12.96	244	2157360	75.10	ng		-0.06
Target Compounds							Qvalue
2) 1,4-Dioxane	2.49	88	274671	34.43	ng	#	79
3) Pyridine	3.21	79	840172	37.77	ng	#	83
4) n-Nitrosodimethylamine	3.15	42	387769	33.96	ng	#	94
6) Aniline	6.51	93	766620	24.77	ng		94
8) 2-Chlorophenol	6.64	128	761789	39.87	ng		92
9) Benzaldehyde	6.38	77	133262	9.68	ng		97
10) Phenol	6.51	94	810949	33.72	ng		83
11) bis(2-Chloroethyl)ether	6.58	93	712301	38.23	ng	#	82
12) 1,3-Dichlorobenzene	6.78	146	800195	40.59	ng		99
13) 1,4-Dichlorobenzene	6.86	146	795995m	40.27	ng		
14) 1,2-Dichlorobenzene	7.01	146	721086	38.09	ng		98
15) Benzyl Alcohol	6.99	79	633674	35.61	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.13	45	1227411	36.18	ng		86
17) 2-Methylphenol	7.10	107	629607	39.31	ng		97
18) Hexachloroethane	7.36	117	309541	39.16	ng		97
19) n-Nitroso-di-n-propylamine	7.26	70	546024	38.13	ng	#	80
20) 3+4-Methylphenols	7.26	107	741300	39.38	ng	#	81
22) Acetophenone	7.25	105	1004492	37.35	ng		97
24) Nitrobenzene	7.42	77	741686	36.39	ng		94
25) Isophorone	7.66	82	1483017	38.59	ng		97
26) 2-Nitrophenol	7.74	139	390357	42.09	ng	#	85
27) 2,4-Dimethylphenol	7.79	122	712578	37.95	ng		92
28) bis(2-Chloroethoxy)methane	7.88	93	906599	38.62	ng		98
29) 2,4-Dichlorophenol	8.00	162	660196	42.22	ng		96
30) 1,2,4-Trichlorobenzene	8.08	180	653436	40.47	ng	#	92
31) Naphthalene	8.16	128	2171922	42.81	ng		99
32) Benzoic acid	7.92	122	391412	34.44	ng		96
33) 4-Chloroaniline	8.20	127	350312	15.06	ng		95
34) Hexachlorobutadiene	8.27	225	356887	38.45	ng		98
35) Caprolactam	8.57	113	213193m	40.44	ng		
36) 4-Chloro-3-methylphenol	8.69	107	695337	39.69	ng		95
37) 2-Methylnaphthalene	8.84	142	1367525	37.55	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	604170	43.88	ng		98
40) Hexachlorocyclopentadiene	9.00	237	691472	83.19	ng		99

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Quant Time: Jan 13 01:37:27 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	9.13	196	444567	43.16	ng		95
43) 2,4,5-Trichlorophenol	9.17	196	453811	45.96	ng		95
45) 1,1'-Biphenyl	9.31	154	1782264	46.82	ng		99
46) 2-Chloronaphthalene	9.33	162	1315915	44.01	ng		93
47) 2-Nitroaniline	9.44	65	443996	44.99	ng	#	58
48) Acenaphthylene	9.74	152	1860744	42.12	ng		97
49) Dimethylphthalate	9.62	163	1563710	45.67	ng	#	91
50) 2,6-Dinitrotoluene	9.68	165	373001	49.67	ng	#	84
51) Acenaphthene	9.92	154	1399220	47.22	ng		98
52) 3-Nitroaniline	9.84	138	202634	21.78	ng		95
53) 2,4-Dinitrophenol	9.95	184	373609	115.16	ng	#	87
54) Dibenzofuran	10.09	168	1684860	43.83	ng		92
55) 4-Nitrophenol	10.02	139	488047	72.26	ng	#	79
56) 2,4-Dinitrotoluene	10.08	165	414993	43.66	ng	#	89
57) Fluorene	10.43	166	1233194	41.36	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.21	232	370774	43.98	ng		91
59) Diethylphthalate	10.32	149	1514465	44.86	ng		97
60) 4-Chlorophenyl-phenylether	10.43	204	650862	53.47	ng		89
61) 4-Nitroaniline	10.46	138	384377	46.34	ng	#	73
62) Azobenzene	10.59	77	1685553	45.52	ng		96
64) 4,6-Dinitro-2-methylphenol	10.49	198	264240	48.79	ng		86
65) n-Nitrosodiphenylamine	10.54	169	1156816	40.40	ng		99
66) 4-Bromophenyl-phenylether	10.92	248	417289	43.29	ng		94
67) Hexachlorobenzene	10.98	284	427116	39.37	ng	#	88
68) Atrazine	11.08	200	417900	44.60	ng		94
69) Pentachlorophenol	11.17	266	423343	75.26	ng		97
70) Phenanthrene	11.39	178	1926072	41.12	ng		97
71) Anthracene	11.45	178	2085452	45.42	ng		97
72) Carbazole	11.61	167	1860939	41.45	ng		97
73) Di-n-butylphthalate	11.94	149	2242997	47.74	ng	#	97
74) Fluoranthene	12.58	202	1879821	38.42	ng		97
76) Benzidine	12.71	184	549361	23.90	ng		99
77) Pyrene	12.81	202	1912698	38.01	ng		97
79) Butylbenzylphthalate	13.44	149	889823	40.87	ng	#	89
80) Benzo(a)anthracene	14.00	228	1498250	39.79	ng		98
81) 3,3'-Dichlorobenzidine	13.96	252	382469	29.11	ng	#	96
82) Chrysene	14.03	228	1235561	34.15	ng		98
83) Bis(2-ethylhexyl)phthalate	14.00	149	1008261	36.65	ng	#	95
84) Di-n-octyl phthalate	14.60	149	1602070	34.50	ng	#	89
85) Indeno(1,2,3-cd)pyrene	16.82	276	1394111	48.61	ng		96
87) Benzo(b)fluoranthene	15.03	252	1335303m	42.18	ng		
88) Benzo(k)fluoranthene	15.05	252	1107856m	42.79	ng		
89) Benzo(a)pyrene	15.37	252	1165949	43.42	ng	#	94
90) Dibenzo(a,h)anthracene	16.84	278	1144984	49.55	ng		98
91) Benzo(g,h,i)perylene	17.24	276	1211787	50.64	ng		96

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

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