Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011216\
Data File : BF084414.D
Acq On : 12 Jan 2016 17:08
Operator : SJ/UM
Sample : PB87765BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB87765BS

Manual Integrations APPROVED
MMdadoda
1/13/2016 3:29:38 PM

Quant Time: Jan 13 00:57:39 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	286909	20.00	ng		-0.06
21) Naphthalene-d8	8.13	136	1192783	20.00	ng		-0.06
38) Acenaphthene-d10	9.88	164	511189	20.00	ng		-0.07
63) Phenanthrene-d10	11.37	188	946711	20.00	ng		-0.06
75) Chrysene-d12	14.01	240	769902	20.00	ng		-0.06
86) Perylene-d12	15.43	264	516488	20.00	ng		-0.08
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	1923750	108.45	ng		-0.03
7) Phenol-d6	6.49	99	2702550	121.31	ng		-0.05
23) Nitrobenzene-d5	7.41	82	1709431	79.76	ng		-0.06
41) 2,4,6-Tribromophenol	10.68	330	672373	130.28	ng		-0.06
44) 2-Fluorobiphenyl	9.21	172	2471588	85.06	ng		-0.06
78) Terphenyl-d14	12.96	244	2311209	67.01	ng		-0.06
Target Compounds							Qvalue
2) 1,4-Dioxane	2.50	88	300485	35.76	ng	#	82
3) Pyridine	3.21	79	987366	42.15	ng	#	79
4) n-Nitrosodimethylamine	3.16	42	409780	34.08	ng	#	96
6) Aniline	6.51	93	247729	7.60	ng	#	17
8) 2-Chlorophenol	6.64	128	787300	39.12	ng		92
9) Benzaldehyde	6.38	77	167309	11.53	ng		97
10) Phenol	6.51	94	842722	33.27	ng		86
11) bis(2-Chloroethyl)ether	6.58	93	735226	37.47	ng	#	80
12) 1,3-Dichlorobenzene	6.78	146	817014	39.35	ng		97
13) 1,4-Dichlorobenzene	6.86	146	801810m	38.51	ng		
14) 1,2-Dichlorobenzene	7.01	146	752160	37.73	ng		99
15) Benzyl Alcohol	6.99	79	627998	33.51	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.13	45	1240947	34.73	ng		86
17) 2-Methylphenol	7.12	107	653964	38.77	ng		95
18) Hexachloroethane	7.36	117	315045	37.84	ng		98
19) n-Nitroso-di-n-propylamine	7.26	70	566660	37.58	ng	#	80
20) 3+4-Methylphenols	7.26	107	790275	39.86	ng	#	79
22) Acetophenone	7.25	105	1029043	35.88	ng		97
24) Nitrobenzene	7.42	77	768523	35.36	ng		94
25) Isophorone	7.66	82	1514186	36.94	ng		96
26) 2-Nitrophenol	7.74	139	400958	40.53	ng	#	84
27) 2,4-Dimethylphenol	7.79	122	723775	36.14	ng		92
28) bis(2-Chloroethoxy)methane	7.88	93	937430	37.44	ng		99
29) 2,4-Dichlorophenol	8.00	162	687953	41.24	ng		97
30) 1,2,4-Trichlorobenzene	8.08	180	672768	39.07	ng	#	92
31) Naphthalene	8.16	128	2221869	41.06	ng		100
32) Benzoic acid	7.92	122	398667	33.17	ng		98
33) 4-Chloroaniline	8.20	127	94573	3.81	ng		95
34) Hexachlorobutadiene	8.27	225	354137	35.78	ng		98
35) Caprolactam	8.57	113	224537m	39.93	ng		
36) 4-Chloro-3-methylphenol	8.69	107	723841	38.74	ng		93
37) 2-Methylnaphthalene	8.84	142	1403082	36.12	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	624913	42.52	ng		99
40) Hexachlorocyclopentadiene	9.00	237	674067	75.98	ng		99

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Quant Time: Jan 13 00:57:39 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	459676	41.81	ng		95
43) 2,4,5-Trichlorophenol	9.17	196	458552	43.51	ng	#	90
45) 1,1'-Biphenyl	9.31	154	1784536	43.92	ng		99
46) 2-Chloronaphthalene	9.33	162	1317851	41.30	ng		94
47) 2-Nitroaniline	9.44	65	434227	41.23	ng	#	63
48) Acenaphthylene	9.74	152	1945429	41.26	ng		97
49) Dimethylphthalate	9.62	163	1641302	44.91	ng	#	91
50) 2,6-Dinitrotoluene	9.68	165	380752	47.50	ng	#	82
51) Acenaphthene	9.92	154	1439171	45.51	ng		98
52) 3-Nitroaniline	9.84	138	49550	4.99	ng		94
53) 2,4-Dinitrophenol	9.95	184	367315	106.35	ng	#	86
54) Dibenzofuran	10.09	168	1774258	43.20	ng		91
55) 4-Nitrophenol	10.02	139	500167	69.38	ng	#	77
56) 2,4-Dinitrotoluene	10.08	165	425926	41.99	ng	#	86
57) Fluorene	10.43	166	1290867	40.52	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.21	232	379851	42.21	ng		91
59) Diethylphthalate	10.32	149	1558206	43.25	ng		97
60) 4-Chlorophenyl-phenylether	10.43	204	667304	50.99	ng		92
61) 4-Nitroaniline	10.45	138	260533	29.43	ng		86
62) Azobenzene	10.59	77	1721085	43.55	ng		97
64) 4,6-Dinitro-2-methylphenol	10.49	198	267727	46.57	ng		81
65) n-Nitrosodiphenylamine	10.54	169	1028124	33.97	ng		99
66) 4-Bromophenyl-phenylether	10.92	248	440921	43.27	ng		96
67) Hexachlorobenzene	10.98	284	434667	37.90	ng	#	84
68) Atrazine	11.08	200	271685	27.43	ng		89
69) Pentachlorophenol	11.18	266	446051	75.01	ng		99
70) Phenanthrene	11.39	178	2044728	41.29	ng		96
71) Anthracene	11.45	178	2160906	44.51	ng		96
72) Carbazole	11.61	167	1520111	32.03	ng		97
73) Di-n-butylphthalate	11.94	149	2361647	47.48	ng	#	96
74) Fluoranthene	12.58	202	2004684	38.75	ng		96
76) Benzidine	12.70	184	64967	2.35	ng		98
77) Pyrene	12.81	202	2061243	34.12	ng		97
79) Butylbenzylphthalate	13.44	149	1037107	39.67	ng	#	95
80) Benzo(a)anthracene	14.00	228	1655973	36.63	ng		98
81) 3,3'-Dichlorobenzidine	13.96	252	124352	7.88	ng	#	99
82) Chrysene	14.03	228	1518596	34.96	ng		97
83) Bis(2-ethylhexyl)phthalate	14.00	149	1150403	34.83	ng	#	95
84) Di-n-octyl phthalate	14.60	149	1883022	33.77	ng	#	89
85) Indeno(1,2,3-cd)pyrene	16.82	276	1372938	39.87	ng		97
87) Benzo(b)fluoranthene	15.03	252	1484336m	43.93	ng		
88) Benzo(k)fluoranthene	15.05	252	1309872m	47.40	ng		
89) Benzo(a)pyrene	15.37	252	1272269	44.40	ng	#	93
90) Dibenzo(a,h)anthracene	16.84	278	1137726	46.14	ng		98
91) Benzo(g,h,i)perylene	17.24	276	1186301	46.45	ng		97

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

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