Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020617\
Data File : BF092801.D
Acq On : 6 Feb 2017 17:48
Operator : SJ/MA
Sample : PB96743BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB96743BS

Manual Integrations APPROVED
mohammad
2/7/2017 3:14:23 PM

Quant Time: Feb 07 01:30:46 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 07 01:19:37 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.91	152	137451m	20.00	ng		0.00
21) Naphthalene-d8	8.20	136	580289	20.00	ng		0.00
38) Acenaphthene-d10	9.95	164	307822	20.00	ng		-0.01
63) Phenanthrene-d10	11.44	188	521509	20.00	ng		-0.01
75) Chrysene-d12	14.09	240	495761	20.00	ng		0.00
86) Perylene-d12	15.54	264	435937	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.54	112	1128067	140.80	ng		0.02
7) Phenol-d6	6.57	99	1423313	138.07	ng		0.01
23) Nitrobenzene-d5	7.48	82	819183	78.61	ng		0.00
41) 2,4,6-Tribromophenol	10.75	330	309856	139.18	ng		0.00
44) 2-Fluorobiphenyl	9.28	172	1515770	89.21	ng		0.00
78) Terphenyl-d14	13.02	244	1444476	68.46	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.60	88	148021	34.19	ng	#	83
3) Pyridine	3.34	79	432429	39.28	ng	#	85
4) n-Nitrosodimethylamine	3.30	42	221985	42.95	ng		82
6) Aniline	6.58	93	279316m	19.86	ng		
8) 2-Chlorophenol	6.70	128	399697	45.22	ng		97
9) Benzaldehyde	6.46	77	243851	33.02	ng		97
10) Phenol	6.58	94	576202	47.78	ng		80
11) bis(2-Chloroethyl)ether	6.66	93	425688	44.22	ng		99
12) 1,3-Dichlorobenzene	6.85	146	428877m	41.43	ng		
13) 1,4-Dichlorobenzene	6.93	146	462378	44.13	ng		97
14) 1,2-Dichlorobenzene	7.09	146	415534	41.47	ng	#	93
15) Benzyl Alcohol	7.06	79	331992	43.50	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.20	45	680082	40.66	ng		93
17) 2-Methylphenol	7.18	107	351326	46.33	ng		97
18) Hexachloroethane	7.42	117	149835	41.89	ng		90
19) n-Nitroso-di-n-propylamine	7.33	70	286865	43.72	ng		95
20) 3+4-Methylphenols	7.33	107	402853	44.44	ng		94
22) Acetophenone	7.33	105	523111	39.48	ng	#	89
24) Nitrobenzene	7.50	77	471776	44.09	ng		90
25) Isophorone	7.74	82	813154	41.88	ng		98
26) 2-Nitrophenol	7.81	139	214258	42.12	ng		94
27) 2,4-Dimethylphenol	7.86	122	375679	42.06	ng		97
28) bis(2-Chloroethoxy)methane	7.95	93	503020	39.11	ng		98
29) 2,4-Dichlorophenol	8.06	162	389947	46.81	ng		95
30) 1,2,4-Trichlorobenzene	8.14	180	388163	43.24	ng		99
31) Naphthalene	8.22	128	1191175	40.49	ng		99
32) Benzoic acid	7.98	122	227214	45.36	ng		96
33) 4-Chloroaniline	8.27	127	116076	10.06	ng		99
34) Hexachlorobutadiene	8.34	225	201547	40.80	ng		99
35) Caprolactam	8.65	113	123746m	47.22	ng		
36) 4-Chloro-3-methylphenol	8.76	107	370069	42.61	ng		98
37) 2-Methylnaphthalene	8.91	142	762292	40.36	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.08	216	362277	41.93	ng		99
40) Hexachlorocyclopentadiene	9.07	237	322238	82.66	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.20	196	267501	47.11	ng		95
43) 2,4,5-Trichlorophenol	9.24	196	278442m	44.76	ng		
45) 1,1'-Biphenyl	9.38	154	997931	44.77	ng		99
46) 2-Chloronaphthalene	9.40	162	754308	43.26	ng		97
47) 2-Nitroaniline	9.50	65	260760	44.48	ng	#	78
48) Acenaphthylene	9.81	152	1218705	40.46	ng		99
49) Dimethylphthalate	9.68	163	901087	43.46	ng		98
50) 2,6-Dinitrotoluene	9.74	165	219114	48.93	ng		96
51) Acenaphthene	9.98	154	779484	43.28	ng		96
52) 3-Nitroaniline	9.90	138	80186	15.65	ng		96
53) 2,4-Dinitrophenol	10.02	184	166580	73.54	ng	#	73
54) Dibenzofuran	10.17	168	1092135	45.34	ng	#	88
55) 4-Nitrophenol	10.09	139	307021	83.19	ng		90
56) 2,4-Dinitrotoluene	10.14	165	254308	42.66	ng		97
57) Fluorene	10.51	166	846405	45.67	ng		97
58) 2,3,4,6-Tetrachlorophenol	10.28	232	216375	52.14	ng		97
59) Diethylphthalate	10.38	149	919414	47.05	ng	#	93
60) 4-Chlorophenyl-phenylether	10.50	204	392964	44.14	ng	#	79
61) 4-Nitroaniline	10.53	138	240117	45.75	ng		86
62) Azobenzene	10.66	77	976125	48.35	ng		92
64) 4,6-Dinitro-2-methylphenol	10.56	198	130046	41.36	ng		78
65) n-Nitrosodiphenylamine	10.61	169	714357	42.88	ng		99
66) 4-Bromophenyl-phenylether	10.99	248	247050	45.34	ng	#	79
67) Hexachlorobenzene	11.05	284	225868	41.95	ng	#	80
68) Atrazine	11.15	200	253695	47.45	ng		92
69) Pentachlorophenol	11.25	266	268384	95.07	ng		98
70) Phenanthrene	11.47	178	1346822	45.08	ng		98
71) Anthracene	11.52	178	1199271	39.97	ng		99
72) Carbazole	11.68	167	1211674	42.25	ng		99
73) Di-n-butylphthalate	12.00	149	1425871	45.97	ng		98
74) Fluoranthene	12.66	202	1378424	44.73	ng		92
76) Benzidine	12.77	184	328969	15.57	ng		96
77) Pyrene	12.89	202	1425600	38.42	ng		99
79) Butylbenzylphthalate	13.51	149	655967	43.54	ng	#	75
80) Benzo(a)anthracene	14.08	228	1244688	41.05	ng		99
81) 3,3'-Dichlorobenzidine	14.03	252	287589	26.61	ng		98
82) Chrysene	14.11	228	1144392	40.31	ng		99
83) Bis(2-ethylhexyl)phthalate	14.05	149	925456	44.92	ng		99
84) Di-n-octyl phthalate	14.67	149	1646086	49.06	ng		98
85) Indeno(1,2,3-cd)pyrene	16.98	276	897713	40.82	ng		96
87) Benzo(b)fluoranthene	15.12	252	1176915	41.02	ng		97
88) Benzo(k)fluoranthene	15.14	252	1039824m	41.97	ng		
89) Benzo(a)pyrene	15.47	252	1050411	42.32	ng	#	97
90) Dibenzo(a,h)anthracene	17.00	278	753860	37.58	ng		98
91) Benzo(g,h,i)perylene	17.43	276	753435	37.18	ng	#	95

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

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