Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010617\
Data File : BF092115.D
Acq On : 6 Jan 2017 14:24
Operator : UM/SJ
Sample : PB95798BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB95798BS

Manual Integrations APPROVED
Sohil
1/9/2017 10:47:36 AM

Quant Time: Jan 06 16:25:26 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 06 15:43:51 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	176483	20.00	ng		0.00
21) Naphthalene-d8	7.93	136	730138	20.00	ng		0.00
38) Acenaphthene-d10	9.68	164	400775	20.00	ng		0.00
63) Phenanthrene-d10	11.16	188	632311	20.00	ng		0.00
75) Chrysene-d12	13.78	240	444239	20.00	ng		0.00
86) Perylene-d12	15.15	264	371610	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.25	112	798470	75.54	ng		0.01
7) Phenol-d6	6.31	99	1242876	96.31	ng		0.00
23) Nitrobenzene-d5	7.21	82	1026784	78.20	ng		0.00
41) 2,4,6-Tribromophenol	10.47	330	248559	74.94	ng		0.00
44) 2-Fluorobiphenyl	9.01	172	1694075	86.90	ng		0.00
78) Terphenyl-d14	12.74	244	1759532	96.06	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.18	88	230025	44.21	ng		96
3) Pyridine	2.82	79	634665	34.95	ng		96
4) n-Nitrosodimethylamine	2.79	42	287420	41.96	ng		97
6) Aniline	6.30	93	334534	19.96	ng	#	60
8) 2-Chlorophenol	6.44	128	581998	48.41	ng		85
9) Benzaldehyde	6.18	77	51274	5.15	ng		98
10) Phenol	6.32	94	784596	53.36	ng	#	65
11) bis(2-Chloroethyl)ether	6.38	93	549689	46.98	ng		96
12) 1,3-Dichlorobenzene	6.58	146	533208	41.54	ng		99
13) 1,4-Dichlorobenzene	6.65	146	516955	39.57	ng		99
14) 1,2-Dichlorobenzene	6.81	146	498430	43.97	ng		99
15) Benzyl Alcohol	6.80	79	427532	42.64	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.94	45	722006	41.44	ng		87
17) 2-Methylphenol	6.93	107	421240	43.56	ng		94
18) Hexachloroethane	7.16	117	200536	41.41	ng		95
19) n-Nitroso-di-n-propylamine	7.08	70	385437	44.90	ng	#	88
20) 3+4-Methylphenols	7.09	107	571865	49.59	ng	#	73
22) Acetophenone	7.06	105	749266	41.60	ng	#	89
24) Nitrobenzene	7.24	77	592794	42.39	ng	#	89
25) Isophorone	7.48	82	1025727	42.34	ng		97
26) 2-Nitrophenol	7.56	139	279500	40.53	ng	#	79
27) 2,4-Dimethylphenol	7.61	122	453771	39.67	ng		92
28) bis(2-Chloroethoxy)methane	7.69	93	634619	43.20	ng		100
29) 2,4-Dichlorophenol	7.81	162	406588	41.98	ng		99
30) 1,2,4-Trichlorobenzene	7.88	180	445055	41.93	ng		97
31) Naphthalene	7.96	128	1445938	43.27	ng		98
32) Benzoic acid	7.75	122	347230	40.93	ng		98
33) 4-Chloroaniline	8.01	127	115894	7.69	ng	#	93
34) Hexachlorobutadiene	8.07	225	229507	40.96	ng		98
35) Caprolactam	8.39	113	146315m	45.97	ng		
36) 4-Chloro-3-methylphenol	8.52	107	493091	44.24	ng		96
37) 2-Methylnaphthalene	8.64	142	937078	47.04	ng		100
39) 1,2,4,5-Tetrachlorobenzene	8.81	216	422384	41.71	ng		99
40) Hexachlorocyclopentadiene	8.80	237	387885	85.72	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.93	196	267950	37.84	ng		94
43) 2,4,5-Trichlorophenol	8.98	196	288212	39.55	ng	#	83
45) 1,1'-Biphenyl	9.11	154	1240562	45.21	ng		99
46) 2-Chloronaphthalene	9.13	162	911682	41.95	ng		98
47) 2-Nitroaniline	9.24	65	318616	41.18	ng		91
48) Acenaphthylene	9.54	152	1426367	42.68	ng		99
49) Dimethylphthalate	9.42	163	1020651	39.82	ng		99
50) 2,6-Dinitrotoluene	9.48	165	213183	38.00	ng	#	70
51) Acenaphthene	9.72	154	910818	40.20	ng		99
52) 3-Nitroaniline	9.65	138	94756	13.65	ng	#	78
53) 2,4-Dinitrophenol	9.76	184	257316	82.43	ng	#	89
54) Dibenzofuran	9.89	168	1224583	40.02	ng		98
55) 4-Nitrophenol	9.84	139	351144	74.48	ng	#	72
56) 2,4-Dinitrotoluene	9.89	165	304630	43.26	ng		93
57) Fluorene	10.23	166	970126	43.58	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.01	232	250769	43.51	ng		99
59) Diethylphthalate	10.12	149	1040895	41.81	ng		99
60) 4-Chlorophenyl-phenylether	10.22	204	395683	40.59	ng		100
61) 4-Nitroaniline	10.26	138	272341	37.85	ng		87
62) Azobenzene	10.38	77	1141986	41.67	ng		99
64) 4,6-Dinitro-2-methylphenol	10.29	198	158361	41.42	ng	#	50
65) n-Nitrosodiphenylamine	10.34	169	830621	44.27	ng		99
66) 4-Bromophenyl-phenylether	10.71	248	294359	44.75	ng	#	89
67) Hexachlorobenzene	10.77	284	281655	40.06	ng	#	76
68) Atrazine	10.88	200	305381	50.46	ng		96
69) Pentachlorophenol	10.97	266	279186	80.93	ng		99
70) Phenanthrene	11.18	178	1330542	38.81	ng		99
71) Anthracene	11.24	178	1548771	55.21	ng		98
72) Carbazole	11.40	167	1381813	53.37	ng		98
73) Di-n-butylphthalate	11.73	149	1523472	47.08	ng		99
74) Fluoranthene	12.37	202	1491899	50.02	ng		91
76) Benzidine	12.49	184	444335	37.83	ng		96
77) Pyrene	12.58	202	1355523	41.59	ng		99
79) Butylbenzylphthalate	13.22	149	697594	47.06	ng	#	83
80) Benzo(a)anthracene	13.77	228	1128383	45.00	ng		100
81) 3,3'-Dichlorobenzidine	13.74	252	168000	17.67	ng		99
82) Chrysene	13.81	228	981826	39.03	ng		98
83) Bis(2-ethylhexyl)phthalate	13.78	149	799359	45.79	ng	#	99
84) Di-n-octyl phthalate	14.39	149	1312593	40.59	ng		98
85) Indeno(1,2,3-cd)pyrene	16.43	276	1032720	47.39	ng		98
87) Benzo(b)fluoranthene	14.78	252	1016565m	43.94	ng		
88) Benzo(k)fluoranthene	14.80	252	815902m	41.36	ng		
89) Benzo(a)pyrene	15.10	252	891746	43.43	ng	#	96
90) Dibenzo(a,h)anthracene	16.44	278	843909	50.00	ng		96
91) Benzo(g,h,i)perylene	16.80	276	883413	50.34	ng		98

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

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