Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021317\
Data File : BF092920.D
Acq On : 13 Feb 2017 16:10
Operator : SJ/MA
Sample : PB96883BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB96883BS

Manual Integrations APPROVED
mohammad
2/14/2017 11:30:06 AM

Quant Time: Feb 13 18:17:47 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 13 18:04:38 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	154624	20.00	ng		-0.01
21) Naphthalene-d8	8.17	136	642257	20.00	ng		0.00
38) Acenaphthene-d10	9.92	164	347498	20.00	ng		-0.01
63) Phenanthrene-d10	11.40	188	554678	20.00	ng		0.00
75) Chrysene-d12	14.04	240	462624	20.00	ng		-0.01
86) Perylene-d12	15.48	264	463123	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	775242	86.02	ng		0.01
7) Phenol-d6	6.52	99	945794	81.56	ng		-0.01
23) Nitrobenzene-d5	7.45	82	816066	70.76	ng		-0.01
41) 2,4,6-Tribromophenol	10.72	330	210120	83.60	ng		0.00
44) 2-Fluorobiphenyl	9.24	172	1408733	73.44	ng		0.00
78) Terphenyl-d14	12.99	244	1262863	64.14	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.57	88	161478	33.16	ng		86
3) Pyridine	3.29	79	414189	33.45	ng		86
4) n-Nitrosodimethylamine	3.25	42	227435	39.11	ng		84
6) Aniline	6.54	93	350088	22.13	ng	#	47
8) 2-Chlorophenol	6.67	128	405099	40.74	ng		92
9) Benzaldehyde	6.43	77	101909	12.27	ng		96
10) Phenol	6.53	94	532686	39.26	ng		80
11) bis(2-Chloroethyl)ether	6.61	93	377903	34.90	ng		89
12) 1,3-Dichlorobenzene	6.82	146	432182	37.11	ng	#	94
13) 1,4-Dichlorobenzene	6.90	146	453012	38.43	ng		96
14) 1,2-Dichlorobenzene	7.05	146	395773	35.11	ng		97
15) Benzyl Alcohol	7.02	79	321159	37.41	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.16	45	656758	34.91	ng		93
17) 2-Methylphenol	7.14	107	331027	38.81	ng		97
18) Hexachloroethane	7.39	117	143642	35.70	ng		91
19) n-Nitroso-di-n-propylamine	7.30	70	269623	36.52	ng		96
20) 3+4-Methylphenols	7.30	107	401796	39.40	ng		96
22) Acetophenone	7.30	105	522661	35.64	ng	#	91
24) Nitrobenzene	7.47	77	465880	39.34	ng		91
25) Isophorone	7.71	82	809714	37.68	ng		98
26) 2-Nitrophenol	7.79	139	219775	39.04	ng	#	80
27) 2,4-Dimethylphenol	7.82	122	357694	36.18	ng		98
28) bis(2-Chloroethoxy)methane	7.92	93	458145	32.19	ng		98
29) 2,4-Dichlorophenol	8.03	162	363754	39.45	ng		94
30) 1,2,4-Trichlorobenzene	8.11	180	367375	36.97	ng		97
31) Naphthalene	8.19	128	1146773	35.22	ng		99
32) Benzoic acid	7.95	122	158987	31.31	ng		97
33) 4-Chloroaniline	8.24	127	193740	15.17	ng		95
34) Hexachlorobutadiene	8.30	225	183046	33.48	ng		100
35) Caprolactam	8.61	113	117343m	40.46	ng		
36) 4-Chloro-3-methylphenol	8.73	107	360298	37.48	ng		98
37) 2-Methylnaphthalene	8.88	142	730076	34.92	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.05	216	362229	37.13	ng		99
40) Hexachlorocyclopentadiene	9.04	237	207411	47.13	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.16	196	256665	40.04	ng		93
43) 2,4,5-Trichlorophenol	9.21	196	253255	36.06	ng	#	84
45) 1,1'-Biphenyl	9.34	154	934656	37.14	ng		98
46) 2-Chloronaphthalene	9.37	162	699858	35.55	ng		97
47) 2-Nitroaniline	9.47	65	257976	38.98	ng		87
48) Acenaphthylene	9.79	152	1167553	34.34	ng		97
49) Dimethylphthalate	9.65	163	874655	37.37	ng		99
50) 2,6-Dinitrotoluene	9.71	165	199783	39.52	ng		92
51) Acenaphthene	9.95	154	773929	38.07	ng		97
52) 3-Nitroaniline	9.88	138	137195	23.72	ng	#	79
53) 2,4-Dinitrophenol	9.98	184	185660	72.66	ng	#	56
54) Dibenzofuran	10.13	168	1042713	38.35	ng	#	89
55) 4-Nitrophenol	10.05	139	311421	74.74	ng		89
56) 2,4-Dinitrotoluene	10.11	165	251722	37.40	ng		91
57) Fluorene	10.48	166	749162	35.81	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.25	232	199106	42.50	ng		98
59) Diethylphthalate	10.35	149	835164	37.86	ng		94
60) 4-Chlorophenyl-phenylether	10.46	204	370040	36.82	ng	#	81
61) 4-Nitroaniline	10.50	138	228187	38.51	ng		83
62) Azobenzene	10.62	77	940325	41.26	ng		93
64) 4,6-Dinitro-2-methylphenol	10.52	198	132261	39.66	ng	#	59
65) n-Nitrosodiphenylamine	10.58	169	628970	35.50	ng		99
66) 4-Bromophenyl-phenylether	10.96	248	219701	37.91	ng	#	79
67) Hexachlorobenzene	11.01	284	204248	35.67	ng	#	76
68) Atrazine	11.10	200	211475	37.19	ng		98
69) Pentachlorophenol	11.22	266	237154	80.20	ng		99
70) Phenanthrene	11.44	178	1172120	36.88	ng		97
71) Anthracene	11.48	178	1147307	35.95	ng		99
72) Carbazole	11.64	167	1142329	37.45	ng		98
73) Di-n-butylphthalate	11.96	149	1216185	36.86	ng		98
74) Fluoranthene	12.61	202	1090317	33.26	ng		98
76) Benzidine	12.74	184	318366	16.15	ng		97
77) Pyrene	12.84	202	1156181	33.40	ng		99
79) Butylbenzylphthalate	13.46	149	529612	37.67	ng		98
80) Benzo(a)anthracene	14.03	228	1004635	35.51	ng		100
81) 3,3'-Dichlorobenzidine	14.00	252	253037	25.09	ng	#	98
82) Chrysene	14.08	228	1023914	38.65	ng		98
83) Bis(2-ethylhexyl)phthalate	14.02	149	722397	37.57	ng		98
84) Di-n-octyl phthalate	14.64	149	1369063	43.73	ng		99
85) Indeno(1,2,3-cd)pyrene	16.91	276	979551	47.74	ng		94
87) Benzo(b)fluoranthene	15.07	252	1005172	32.98	ng		98
88) Benzo(k)fluoranthene	15.11	252	984462m	37.40	ng		
89) Benzo(a)pyrene	15.43	252	936875	35.53	ng		97
90) Dibenzo(a,h)anthracene	16.92	278	813669	38.18	ng		96
91) Benzo(g,h,i)perylene	17.35	276	850541	39.51	ng	#	95

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

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