Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041017\
Data File : BF094305.D
Acq On : 10 Apr 2017 12:33
Operator : SJ/MA
Sample : PB98126BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB98126BS

Manual Integrations APPROVED
mohammad
4/11/2017 12:52:57 PM

Quant Time: Apr 11 01:12:34 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 06 13:20:29 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.84	152	160440	20.00	ng		-0.02
21) Naphthalene-d8	7.35	136	646054	20.00	ng		-0.02
38) Acenaphthene-d10	9.49	164	294270	20.00	ng		-0.01
63) Phenanthrene-d10	11.31	188	507802	20.00	ng		-0.01
75) Chrysene-d12	14.56	240	376083	20.00	ng		-0.01
86) Perylene-d12	16.18	264	261783	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	4.40	112	805023	84.75	ng		0.02
7) Phenol-d6	5.48	99	976694	83.11	ng		0.02
23) Nitrobenzene-d5	6.49	82	896249	79.17	ng		-0.02
41) 2,4,6-Tribromophenol	10.46	330	206638	88.86	ng		-0.01
44) 2-Fluorobiphenyl	8.67	172	1620500	83.99	ng		-0.02
78) Terphenyl-d14	13.29	244	1302902	77.65	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.26	88	160085	35.08	ng		98
3) Pyridine	2.74	79	470415	37.82	ng		99
4) n-Nitrosodimethylamine	2.70	42	206515	40.35	ng		92
6) Aniline	5.46	93	256705	15.70	ng		98
8) 2-Chlorophenol	5.62	128	451881	43.28	ng		97
9) Benzaldehyde	5.33	77	198971	25.08	ng		98
10) Phenol	5.49	94	541840	40.52	ng		92
11) bis(2-Chloroethyl)ether	5.55	93	422795	40.46	ng		98
12) 1,3-Dichlorobenzene	5.77	146	477968	40.81	ng		99
13) 1,4-Dichlorobenzene	5.86	146	484244	40.82	ng		95
14) 1,2-Dichlorobenzene	6.03	146	439403	40.22	ng		98
15) Benzyl Alcohol	6.02	79	339945	39.52	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.17	45	564195	35.04	ng		58
17) 2-Methylphenol	6.18	107	358030	40.04	ng		94
18) Hexachloroethane	6.43	117	170797	40.97	ng	#	87
19) n-Nitroso-di-n-propylamine	6.33	70	322196	42.66	ng		97
20) 3+4-Methylphenols	6.36	107	497950	45.98	ng	#	63
22) Acetophenone	6.32	105	614575	42.68	ng	#	86
24) Nitrobenzene	6.52	77	450221	40.32	ng		92
25) Isophorone	6.80	82	795676	40.00	ng		95
26) 2-Nitrophenol	6.89	139	248848	46.74	ng		99
27) 2,4-Dimethylphenol	6.97	122	397992	43.38	ng		99
28) bis(2-Chloroethoxy)methane	7.06	93	527751	40.23	ng		99
29) 2,4-Dichlorophenol	7.20	162	376232	43.86	ng		99
30) 1,2,4-Trichlorobenzene	7.28	180	375086	42.45	ng		98
31) Naphthalene	7.37	128	1251537	40.29	ng		99
32) Benzoic acid	7.15	122	172091	28.18	ng		99
33) 4-Chloroaniline	7.44	127	122361	9.72	ng		93
34) Hexachlorobutadiene	7.52	225	187019	41.28	ng		97
35) Caprolactam	7.89	113	119308m	43.61	ng		
36) 4-Chloro-3-methylphenol	8.09	107	391520	43.68	ng		92
37) 2-Methylnaphthalene	8.22	142	880056	42.50	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.42	216	327099	40.63	ng		99
40) Hexachlorocyclopentadiene	8.41	237	321853	85.44	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.58	196	253378	44.49	ng		97
43) 2,4,5-Trichlorophenol	8.64	196	251307	40.78	ng		95
45) 1,1'-Biphenyl	8.79	154	965724	40.69	ng		98
46) 2-Chloronaphthalene	8.81	162	771603	41.53	ng		95
47) 2-Nitroaniline	8.94	65	230253	41.78	ng		88
48) Acenaphthylene	9.32	152	1208826	39.15	ng		99
49) Dimethylphthalate	9.18	163	901045	43.08	ng		99
50) 2,6-Dinitrotoluene	9.25	165	203819	42.51	ng	#	90
51) Acenaphthene	9.53	154	720033	39.96	ng		100
52) 3-Nitroaniline	9.45	138	100272	17.81	ng		90
53) 2,4-Dinitrophenol	9.59	184	142554	56.98	ng	#	66
54) Dibenzofuran	9.74	168	1009085	41.14	ng		98
55) 4-Nitrophenol	9.73	139	409175m	92.79	ng		
56) 2,4-Dinitrotoluene	9.74	165	239328	39.73	ng	#	64
57) Fluorene	10.16	166	793015	38.99	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.91	232	182616	43.19	ng		98
59) Diethylphthalate	10.05	149	868005	41.98	ng		100
60) 4-Chlorophenyl-phenylether	10.17	204	341780	39.44	ng		90
61) 4-Nitroaniline	10.21	138	194456	35.99	ng		97
62) Azobenzene	10.36	77	840946	43.00	ng		96
64) 4,6-Dinitro-2-methylphenol	10.25	198	112249	36.09	ng	#	73
65) n-Nitrosodiphenylamine	10.32	169	728850	41.50	ng		98
66) 4-Bromophenyl-phenylether	10.76	248	213465	42.74	ng		96
67) Hexachlorobenzene	10.84	284	217535	43.03	ng	#	88
68) Atrazine	11.00	200	217248	41.30	ng		97
69) Pentachlorophenol	11.10	266	171832	54.61	ng		100
70) Phenanthrene	11.34	178	1160408	41.08	ng		99
71) Anthracene	11.40	178	1190214	40.92	ng		99
72) Carbazole	11.61	167	1113181	37.32	ng		97
73) Di-n-butylphthalate	12.06	149	1333007	42.98	ng		98
74) Fluoranthene	12.80	202	1179434	40.77	ng		98
76) Benzidine	12.97	184	353727	23.76	ng	#	94
77) Pyrene	13.08	202	1179547	43.22	ng		99
79) Butylbenzylphthalate	13.89	149	550031	47.30	ng	#	84
80) Benzo(a)anthracene	14.55	228	919184	41.91	ng		100
81) 3,3'-Dichlorobenzidine	14.52	252	128389	16.38	ng	#	96
82) Chrysene	14.59	228	795633	39.09	ng		99
83) Bis(2-ethylhexyl)phthalate	14.61	149	744908	46.95	ng	#	99
84) Di-n-octyl phthalate	15.36	149	1184268	44.68	ng		98
85) Indeno(1,2,3-cd)pyrene	17.51	276	664391	37.69	ng		99
87) Benzo(b)fluoranthene	15.78	252	708736	44.17	ng		98
88) Benzo(k)fluoranthene	15.82	252	635543m	40.48	ng		
89) Benzo(a)pyrene	16.13	252	620440	41.99	ng		99
90) Dibenzo(a,h)anthracene	17.53	278	550238	43.97	ng		98
91) Benzo(g,h,i)perylene	17.90	276	567338	44.98	ng		97

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

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