Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040617\
Data File : BF094225.D
Acq On : 6 Apr 2017 13:49
Operator : SJ/MA
Sample : PB98085BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB98085BS

Manual Integrations APPROVED
mohammad
4/7/2017 5:20:42 PM

Quant Time: Apr 06 15:25:07 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	5.85	152	153598	20.00	ng		0.00
21) Naphthalene-d8	7.36	136	625572	20.00	ng		0.00
38) Acenaphthene-d10	9.50	164	296253	20.00	ng		0.00
63) Phenanthrene-d10	11.32	188	516364	20.00	ng		0.00
75) Chrysene-d12	14.57	240	377306	20.00	ng		0.00
86) Perylene-d12	16.19	264	266778	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.40	112	1170397	128.70	ng		0.01
7) Phenol-d6	5.47	99	1459031	129.69	ng		0.00
23) Nitrobenzene-d5	6.50	82	924530	84.34	ng		0.00
41) 2,4,6-Tribromophenol	10.47	330	341614	145.92	ng		0.00
44) 2-Fluorobiphenyl	8.68	172	1688462	86.93	ng		0.00
78) Terphenyl-d14	13.30	244	1458189	86.63	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.24	88	148168	33.91	ng		97
3) Pyridine	2.73	79	441491	37.08	ng		98
4) n-Nitrosodimethylamine	2.69	42	207365	42.32	ng		89
6) Aniline	5.47	93	476563	30.45	ng	#	35
8) 2-Chlorophenol	5.62	128	463512	46.37	ng		95
9) Benzaldehyde	5.35	77	193811	25.51	ng		98
10) Phenol	5.48	94	547628	42.78	ng		91
11) bis(2-Chloroethyl)ether	5.56	93	431192	43.10	ng		98
12) 1,3-Dichlorobenzene	5.79	146	488477	43.57	ng		99
13) 1,4-Dichlorobenzene	5.87	146	494301	43.53	ng		97
14) 1,2-Dichlorobenzene	6.05	146	464427	44.41	ng		95
15) Benzyl Alcohol	6.02	79	379206	46.05	ng		100
16) 2,2'-oxybis(1-Chloropropan	6.19	45	608536	39.47	ng		97
17) 2-Methylphenol	6.16	107	386082	45.10	ng		99
18) Hexachloroethane	6.44	117	174443	43.70	ng	#	82
19) n-Nitroso-di-n-propylamine	6.34	70	316752	43.81	ng		96
20) 3+4-Methylphenols	6.35	107	495100	47.75	ng	#	64
22) Acetophenone	6.33	105	649313	46.57	ng	#	86
24) Nitrobenzene	6.53	77	472665	43.72	ng		95
25) Isophorone	6.82	82	862556	44.78	ng		95
26) 2-Nitrophenol	6.90	139	263133	51.04	ng		99
27) 2,4-Dimethylphenol	6.97	122	429881	48.39	ng		99
28) bis(2-Chloroethoxy)methane	7.07	93	550121	43.31	ng		99
29) 2,4-Dichlorophenol	7.20	162	406856	48.98	ng		97
30) 1,2,4-Trichlorobenzene	7.29	180	386636	45.19	ng		99
31) Naphthalene	7.39	128	1317822	43.81	ng		99
32) Benzoic acid	7.14	122	274271	46.38	ng		98
33) 4-Chloroaniline	7.45	127	365280	29.96	ng		94
34) Hexachlorobutadiene	7.54	225	192695	43.92	ng		98
35) Caprolactam	7.90	113	139322m	52.60	ng		
36) 4-Chloro-3-methylphenol	8.07	107	429384	49.47	ng		90
37) 2-Methylnaphthalene	8.23	142	920389	45.90	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.43	216	339011	41.83	ng		99
40) Hexachlorocyclopentadiene	8.42	237	305432	80.54	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.58	196	278064	48.50	ng		99
43) 2,4,5-Trichlorophenol	8.63	196	282520	45.54	ng		93
45) 1,1'-Biphenyl	8.80	154	1028819	43.06	ng		97
46) 2-Chloronaphthalene	8.82	162	825750	44.15	ng		95
47) 2-Nitroaniline	8.95	65	261232	47.08	ng		86
48) Acenaphthylene	9.33	152	1307830	42.07	ng		99
49) Dimethylphthalate	9.19	163	996634	47.33	ng		100
50) 2,6-Dinitrotoluene	9.26	165	226195	46.86	ng		93
51) Acenaphthene	9.54	154	780470	43.03	ng		99
52) 3-Nitroaniline	9.46	138	190662	33.63	ng		86
53) 2,4-Dinitrophenol	9.59	184	223449	86.12	ng	#	73
54) Dibenzofuran	9.75	168	1136055	46.01	ng		99
55) 4-Nitrophenol	9.70	139	377393	85.01	ng	#	74
56) 2,4-Dinitrotoluene	9.75	165	277215	45.71	ng	#	66
57) Fluorene	10.17	166	878822	42.92	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.91	232	218015	51.21	ng		97
59) Diethylphthalate	10.06	149	971212	46.66	ng		98
60) 4-Chlorophenyl-phenylether	10.18	204	377359	43.26	ng		92
61) 4-Nitroaniline	10.22	138	261376	48.05	ng		95
62) Azobenzene	10.37	77	951275	48.31	ng		97
64) 4,6-Dinitro-2-methylphenol	10.26	198	156232	49.40	ng	#	71
65) n-Nitrosodiphenylamine	10.33	169	831275	46.55	ng		98
66) 4-Bromophenyl-phenylether	10.78	248	232392	45.76	ng		96
67) Hexachlorobenzene	10.85	284	241967	47.07	ng	#	88
68) Atrazine	11.00	200	239717	44.82	ng		96
69) Pentachlorophenol	11.10	266	261439	81.70	ng		99
70) Phenanthrene	11.35	178	1297317	45.16	ng		99
71) Anthracene	11.42	178	1353219	45.75	ng		99
72) Carbazole	11.62	167	1281715	42.26	ng		99
73) Di-n-butylphthalate	12.07	149	1531590	48.56	ng		99
74) Fluoranthene	12.81	202	1335653	45.41	ng		98
76) Benzidine	12.98	184	420373	28.15	ng	#	93
77) Pyrene	13.09	202	1343785	49.07	ng		100
79) Butylbenzylphthalate	13.90	149	636185	54.53	ng	#	83
80) Benzo(a)anthracene	14.56	228	1030906	46.86	ng		99
81) 3,3'-Dichlorobenzidine	14.53	252	276193	35.12	ng	#	95
82) Chrysene	14.60	228	904609	44.31	ng		100
83) Bis(2-ethylhexyl)phthalate	14.62	149	880277	55.30	ng	#	99
84) Di-n-octyl phthalate	15.37	149	1350866	50.80	ng		97
85) Indeno(1,2,3-cd)pyrene	17.52	276	769257	43.50	ng		99
87) Benzo(b)fluoranthene	15.79	252	766899	46.90	ng		99
88) Benzo(k)fluoranthene	15.82	252	738028	46.13	ng		96
89) Benzo(a)pyrene	16.14	252	703133	46.69	ng		100
90) Dibenzo(a,h)anthracene	17.54	278	639607	50.15	ng		97
91) Benzo(g,h,i)perylene	17.91	276	668357	52.00	ng		98

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

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