Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011717\
Data File : BF092322.D
Acq On : 17 Jan 2017 18:04
Operator : UM/SJ
Sample : PB96091BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB96061BS

Manual Integrations APPROVED
mohammad
1/18/2017 5:11:28 PM

Quant Time: Jan 18 00:28:58 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 18 00:11:54 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.55	152	156319	20.00	ng		0.00
21) Naphthalene-d8	7.84	136	647620	20.00	ng		0.00
38) Acenaphthene-d10	9.59	164	326636	20.00	ng		0.00
63) Phenanthrene-d10	11.07	188	528875	20.00	ng		0.00
75) Chrysene-d12	13.70	240	321277	20.00	ng		0.00
86) Perylene-d12	15.05	264	285458	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.15	112	1161349	124.05	ng		0.01
7) Phenol-d6	6.22	99	1407664	123.15	ng		0.00
23) Nitrobenzene-d5	7.12	82	963415	82.72	ng		-0.01
41) 2,4,6-Tribromophenol	10.38	330	318448	117.81	ng		0.00
44) 2-Fluorobiphenyl	8.92	172	1571803	101.03	ng		0.00
78) Terphenyl-d14	12.65	244	1348094	101.77	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.04	88	168630	36.59	ng		93
3) Pyridine	2.66	79	404853	25.17	ng		97
4) n-Nitrosodimethylamine	2.61	42	217768	35.89	ng		94
6) Aniline	6.22	93	222992	15.02	ng	#	72
8) 2-Chlorophenol	6.35	128	432646	40.63	ng		89
9) Benzaldehyde	6.11	77	20758	2.20	ng		98
10) Phenol	6.23	94	487298	37.41	ng		82
11) bis(2-Chloroethyl)ether	6.30	93	445372	42.98	ng		97
12) 1,3-Dichlorobenzene	6.50	146	445085	39.15	ng		99
13) 1,4-Dichlorobenzene	6.56	146	445257	38.48	ng		98
14) 1,2-Dichlorobenzene	6.72	146	417099	41.54	ng		99
15) Benzyl Alcohol	6.71	79	349336	39.33	ng		95
16) 2,2'-oxybis(1-Chloropropan	6.85	45	606138	39.28	ng	#	43
17) 2-Methylphenol	6.85	107	345083	40.29	ng	#	90
18) Hexachloroethane	7.06	117	172198	40.14	ng	#	85
19) n-Nitroso-di-n-propylamine	6.99	70	330349	43.44	ng		97
20) 3+4-Methylphenols	7.01	107	488203	47.79	ng	#	73
22) Acetophenone	6.98	105	620934	38.87	ng		93
24) Nitrobenzene	7.15	77	478104	38.54	ng		96
25) Isophorone	7.39	82	836503	38.93	ng		94
26) 2-Nitrophenol	7.47	139	237295	38.79	ng		95
27) 2,4-Dimethylphenol	7.52	122	381578	37.61	ng		99
28) bis(2-Chloroethoxy)methane	7.60	93	516418	39.63	ng		98
29) 2,4-Dichlorophenol	7.72	162	361820	42.11	ng		91
30) 1,2,4-Trichlorobenzene	7.79	180	367282	39.01	ng		96
31) Naphthalene	7.87	128	1238106	41.77	ng		98
32) Benzoic acid	7.67	122	137093	18.22	ng		97
33) 4-Chloroaniline	7.92	127	90667	6.78	ng		95
34) Hexachlorobutadiene	7.98	225	193140	38.86	ng		99
35) Caprolactam	8.30	113	110957m	39.30	ng		
36) 4-Chloro-3-methylphenol	8.44	107	392328	39.68	ng		90
37) 2-Methylnaphthalene	8.55	142	782708	42.82	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.72	216	348005	42.17	ng		99
40) Hexachlorocyclopentadiene	8.71	237	237393	65.36	ng		98

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Quant Time: Jan 18 00:28:58 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.85	196	227519	39.42	ng		97
43) 2,4,5-Trichlorophenol	8.90	196	230054	38.73	ng		98
45) 1,1'-Biphenyl	9.02	154	1007806	45.06	ng		98
46) 2-Chloronaphthalene	9.04	162	759244	42.87	ng		99
47) 2-Nitroaniline	9.15	65	224748	35.64	ng		95
48) Acenaphthylene	9.46	152	1126509	41.36	ng		97
49) Dimethylphthalate	9.33	163	807880	38.67	ng		99
50) 2,6-Dinitrotoluene	9.40	165	203601	44.53	ng		90
51) Acenaphthene	9.63	154	709900	38.44	ng		99
52) 3-Nitroaniline	9.56	138	72475	12.81	ng		100
53) 2,4-Dinitrophenol	9.68	184	113135	44.47	ng	#	90
54) Dibenzofuran	9.80	168	1038826	41.65	ng		94
55) 4-Nitrophenol	9.76	139	209955m	54.64	ng		
56) 2,4-Dinitrotoluene	9.80	165	219613	38.27	ng	#	74
57) Fluorene	10.14	166	761667	41.98	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.92	232	184499	39.27	ng		98
59) Diethylphthalate	10.03	149	798312	39.35	ng		99
60) 4-Chlorophenyl-phenylether	10.13	204	324932	40.90	ng		100
61) 4-Nitroaniline	10.18	138	199313	33.99	ng		97
62) Azobenzene	10.29	77	970809	43.46	ng		99
64) 4,6-Dinitro-2-methylphenol	10.21	198	113486	35.49	ng	#	64
65) n-Nitrosodiphenylamine	10.26	169	682979	43.52	ng		99
66) 4-Bromophenyl-phenylether	10.62	248	234101	42.55	ng	#	83
67) Hexachlorobenzene	10.68	284	227063	38.61	ng	#	79
68) Atrazine	10.79	200	239164	47.24	ng		96
69) Pentachlorophenol	10.88	266	163386	56.62	ng		98
70) Phenanthrene	11.09	178	1159123	40.42	ng		99
71) Anthracene	11.14	178	1173162	46.76	ng		98
72) Carbazole	11.31	167	1109027	48.79	ng		97
73) Di-n-butylphthalate	11.64	149	1283923	47.47	ng		99
74) Fluoranthene	12.27	202	1072896	42.42	ng		99
76) Benzidine	12.40	184	380144	46.95	ng		97
77) Pyrene	12.50	202	1148253	48.71	ng		99
79) Butylbenzylphthalate	13.13	149	485366	45.27	ng		94
80) Benzo(a)anthracene	13.69	228	847079	46.71	ng		99
81) 3,3'-Dichlorobenzidine	13.65	252	128429	18.68	ng	#	97
82) Chrysene	13.72	228	806998	44.36	ng		98
83) Bis(2-ethylhexyl)phthalate	13.70	149	694370	55.00	ng	#	97
84) Di-n-octyl phthalate	14.30	149	1076522	46.03	ng		99
85) Indeno(1,2,3-cd)pyrene	16.27	276	748704	47.51	ng		99
87) Benzo(b)fluoranthene	14.68	252	665810m	37.46	ng		
88) Benzo(k)fluoranthene	14.70	252	682157m	45.01	ng		
89) Benzo(a)pyrene	14.99	252	656698	41.63	ng		98
90) Dibenzo(a,h)anthracene	16.28	278	626169	48.30	ng	#	94
91) Benzo(g,h,i)perylene	16.63	276	664970	49.32	ng		99

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

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