Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081616\
Data File : BF089739.D
Acq On : 17 Aug 2016 3:11
Operator : UM/SJ
Sample : PB92850BS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB92850BS

Manual Integrations APPROVED
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8/17/2016 6:42:59 PM

Quant Time: Aug 17 09:26:51 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 16 19:45:04 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	815034	20.00	ng		0.00
21) Naphthalene-d8	7.99	136	3262380	20.00	ng		0.00
38) Acenaphthene-d10	9.75	164	1641429	20.00	ng		0.01
63) Phenanthrene-d10	11.22	188	2959352	20.00	ng		0.01
75) Chrysene-d12	13.87	240	2287337	20.00	ng		-0.02
86) Perylene-d12	15.31	264	2218329	20.00	ng		-0.09
System Monitoring Compounds							
5) 2-Fluorophenol	5.29	112	5313428	108.77	ng		0.01
7) Phenol-d6	6.34	99	6228524	100.25	ng		0.01
23) Nitrobenzene-d5	7.27	82	3972290	74.35	ng		0.00
41) 2,4,6-Tribromophenol	10.54	330	1795290	113.06	ng		0.01
44) 2-Fluorobiphenyl	9.07	172	6212897	60.74	ng		0.00
78) Terphenyl-d14	12.81	244	5667180	74.02	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.31	88	714748	28.34	ng		99
3) Pyridine	2.95	79	2144534	33.00	ng		95
4) n-Nitrosodimethylamine	2.91	42	922117	35.35	ng		87
6) Aniline	6.36	93	2588884	31.00	ng		95
8) 2-Chlorophenol	6.49	128	2225803	38.31	ng		81
9) Benzaldehyde	6.24	77	671957	16.32	ng		91
10) Phenol	6.35	94	2225785	28.78	ng		91
11) bis(2-Chloroethyl)ether	6.44	93	2008907	35.06	ng		98
12) 1,3-Dichlorobenzene	6.64	146	2027572	32.65	ng		98
13) 1,4-Dichlorobenzene	6.72	146	2184692	34.72	ng		98
14) 1,2-Dichlorobenzene	6.87	146	1941301m	32.36	ng		
15) Benzyl Alcohol	6.86	79	1672468	40.28	ng		90
16) 2,2'-oxybis(1-Chloropropan	6.99	45	2374786	31.59	ng		94
17) 2-Methylphenol	6.97	107	1891152	40.97	ng		96
18) Hexachloroethane	7.22	117	822368	35.66	ng		92
19) n-Nitroso-di-n-propylamine	7.13	70	1406273	34.56	ng		95
20) 3+4-Methylphenols	7.12	107	2072881	35.06	ng	#	82
22) Acetophenone	7.12	105	2487348	32.80	ng	#	94
24) Nitrobenzene	7.29	77	2366687	39.38	ng		92
25) Isophorone	7.53	82	4087823	38.24	ng		98
26) 2-Nitrophenol	7.61	139	1129489	39.94	ng		96
27) 2,4-Dimethylphenol	7.66	122	2216208	41.35	ng		100
28) bis(2-Chloroethoxy)methane	7.75	93	2440435	37.57	ng		98
29) 2,4-Dichlorophenol	7.85	162	1894017	42.44	ng		99
30) 1,2,4-Trichlorobenzene	7.93	180	1747122	36.47	ng		98
31) Naphthalene	8.01	128	5316646	36.31	ng		95
32) Benzoic acid	7.79	122	1342932	32.23	ng		97
33) 4-Chloroaniline	8.06	127	1912176	28.22	ng	#	86
34) Hexachlorobutadiene	8.14	225	923838	36.71	ng		98
35) Caprolactam	8.44	113	638171m	46.40	ng		
36) 4-Chloro-3-methylphenol	8.55	107	1747608	35.97	ng		91
37) 2-Methylnaphthalene	8.71	142	4063388	40.77	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.87	216	1248700	23.66	ng		98
40) Hexachlorocyclopentadiene	8.87	237	1875639	79.76	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.98	196	1348505	39.56	ng		99
43) 2,4,5-Trichlorophenol	9.02	196	1140820	35.10	ng	#	89
45) 1,1'-Biphenyl	9.18	154	4118137	30.29	ng		94
46) 2-Chloronaphthalene	9.19	162	3404396	33.42	ng		98
47) 2-Nitroaniline	9.29	65	1322541	42.61	ng	#	73
48) Acenaphthylene	9.60	152	5564479	35.48	ng		97
49) Dimethylphthalate	9.48	163	4476462	37.69	ng	#	98
50) 2,6-Dinitrotoluene	9.53	165	962860	35.82	ng	#	82
51) Acenaphthene	9.78	154	4245189	40.12	ng		98
52) 3-Nitroaniline	9.70	138	1031215	32.99	ng	#	75
53) 2,4-Dinitrophenol	9.80	184	1075719	89.38	ng		93
54) Dibenzofuran	9.95	168	5329689	40.93	ng		94
55) 4-Nitrophenol	9.86	139	1717888	71.45	ng		88
56) 2,4-Dinitrotoluene	9.93	165	1290791	37.36	ng	#	58
57) Fluorene	10.28	166	3691938	35.09	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.07	232	1090165	42.95	ng		98
59) Diethylphthalate	10.18	149	4192981	34.82	ng		96
60) 4-Chlorophenyl-phenylether	10.28	204	1535057	29.72	ng		93
61) 4-Nitroaniline	10.32	138	1283371	42.29	ng		95
62) Azobenzene	10.44	77	4519522	39.72	ng		96
64) 4,6-Dinitro-2-methylphenol	10.34	198	711381	41.40	ng		82
65) n-Nitrosodiphenylamine	10.41	169	3729459	40.16	ng		96
66) 4-Bromophenyl-phenylether	10.78	248	1183549	38.62	ng	#	83
67) Hexachlorobenzene	10.83	284	1223309	35.91	ng	#	82
68) Atrazine	10.94	200	1029442	36.59	ng		96
69) Pentachlorophenol	11.03	266	1453531	68.48	ng		97
70) Phenanthrene	11.24	178	5292453m	36.38	ng		
71) Anthracene	11.29	178	5595558	36.82	ng		97
72) Carbazole	11.45	167	5131513	35.63	ng		94
73) Di-n-butylphthalate	11.81	149	6485475	37.03	ng	#	97
74) Fluoranthene	12.42	202	5190245	35.51	ng		90
76) Benzidine	12.55	184	2920980	35.58	ng		100
77) Pyrene	12.65	202	5220012m	34.87	ng		
79) Butylbenzylphthalate	13.29	149	2810179	37.42	ng	#	83
80) Benzo(a)anthracene	13.85	228	5048562	37.99	ng		97
81) 3,3'-Dichlorobenzidine	13.83	252	1642003	33.91	ng		98
82) Chrysene	13.90	228	4117223	34.42	ng		94
83) Bis(2-ethylhexyl)phthalate	13.89	149	4012352	40.37	ng		95
84) Di-n-octyl phthalate	14.54	149	6166118	39.92	ng		98
85) Indeno(1,2,3-cd)pyrene	16.62	276	4628415	45.42	ng		99
87) Benzo(b)fluoranthene	14.94	252	5110077m	36.35	ng		
88) Benzo(k)fluoranthene	14.96	252	4161803m	35.97	ng		
89) Benzo(a)pyrene	15.27	252	4662240	40.18	ng	#	93
90) Dibenzo(a,h)anthracene	16.64	278	3791010	41.49	ng		96
91) Benzo(g,h,i)perylene	17.02	276	3770371	40.54	ng	#	94

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

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