Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010816\
Data File : BF084335.D
Acq On : 8 Jan 2016 18:38
Operator : SJ/UM
Sample : PB87715BS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB87715BS

Manual Integrations APPROVED
Sohil
1/10/2016 9:51:35 AM

Quant Time: Jan 09 00:24:01 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 04 12:22:40 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	271531	20.00	ng		-0.05
21) Naphthalene-d8	8.14	136	1185013	20.00	ng		-0.05
38) Acenaphthene-d10	9.90	164	550476	20.00	ng		-0.05
63) Phenanthrene-d10	11.38	188	1012096	20.00	ng		-0.05
75) Chrysene-d12	14.02	240	796943	20.00	ng		-0.05
86) Perylene-d12	15.45	264	629324	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	1470991	87.62	ng		-0.02
7) Phenol-d6	6.50	99	1988638	94.32	ng		-0.03
23) Nitrobenzene-d5	7.42	82	1235739	58.04	ng		-0.05
41) 2,4,6-Tribromophenol	10.69	330	538836	96.96	ng		-0.05
44) 2-Fluorobiphenyl	9.22	172	2031690	63.31	ng		-0.04
78) Terphenyl-d14	12.97	244	1924067	53.89	ng		-0.05
Target Compounds							Qvalue
2) 1,4-Dioxane	2.54	88	217833	27.39	ng	#	75
3) Pyridine	3.25	79	647474	29.20	ng	#	73
4) n-Nitrosodimethylamine	3.21	42	351119	30.85	ng		78
6) Aniline	6.52	93	558213	18.10	ng	#	92
8) 2-Chlorophenol	6.65	128	647038	33.97	ng		97
9) Benzaldehyde	6.40	77	160078	11.66	ng		96
10) Phenol	6.51	94	649343	27.09	ng		77
11) bis(2-Chloroethyl)ether	6.59	93	594342	32.01	ng	#	79
12) 1,3-Dichlorobenzene	6.80	146	643587m	32.76	ng		
13) 1,4-Dichlorobenzene	6.88	146	666403	33.82	ng		94
14) 1,2-Dichlorobenzene	7.02	146	558476	29.60	ng		96
15) Benzyl Alcohol	7.00	79	522864	29.48	ng		90
16) 2,2'-oxybis(1-Chloropropan	7.14	45	983518	29.08	ng		85
17) 2-Methylphenol	7.13	107	519939	32.57	ng		96
18) Hexachloroethane	7.37	117	246083	31.23	ng		92
19) n-Nitroso-di-n-propylamine	7.28	70	420935	29.49	ng	#	74
20) 3+4-Methylphenols	7.28	107	600955	32.03	ng	#	71
22) Acetophenone	7.26	105	868990	30.50	ng	#	93
24) Nitrobenzene	7.45	77	692946	32.09	ng		90
25) Isophorone	7.69	82	1228624	30.17	ng		96
26) 2-Nitrophenol	7.76	139	308900	31.43	ng	#	76
27) 2,4-Dimethylphenol	7.80	122	553824	27.84	ng		96
28) bis(2-Chloroethoxy)methane	7.89	93	707918	28.46	ng		99
29) 2,4-Dichlorophenol	8.01	162	541688	32.69	ng		97
30) 1,2,4-Trichlorobenzene	8.09	180	553433	32.35	ng	#	95
31) Naphthalene	8.17	128	1752562	32.60	ng		99
32) Benzoic acid	7.92	122	230674	21.93	ng		90
33) 4-Chloroaniline	8.21	127	225123	9.13	ng		99
34) Hexachlorobutadiene	8.28	225	301673	30.68	ng		99
35) Caprolactam	8.59	113	175596m	31.43	ng		
36) 4-Chloro-3-methylphenol	8.70	107	569377	30.67	ng		94
37) 2-Methylnaphthalene	8.85	142	1112262	28.82	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	510754	32.27	ng		99
40) Hexachlorocyclopentadiene	9.01	237	565747	59.22	ng		97

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Quant Time: Jan 09 00:24:01 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 04 12:22:40 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	365708	30.89	ng		94
43) 2,4,5-Trichlorophenol	9.18	196	374659	33.01	ng		95
45) 1,1'-Biphenyl	9.32	154	1366430	31.23	ng		100
46) 2-Chloronaphthalene	9.34	162	1018442	29.64	ng		96
47) 2-Nitroaniline	9.45	65	406696	35.86	ng	#	79
48) Acenaphthylene	9.76	152	1604339	31.60	ng		98
49) Dimethylphthalate	9.63	163	1345094	34.18	ng	#	91
50) 2,6-Dinitrotoluene	9.69	165	299618	34.71	ng	#	68
51) Acenaphthene	9.93	154	1167086	34.27	ng		99
52) 3-Nitroaniline	9.86	138	196135	18.34	ng	#	68
53) 2,4-Dinitrophenol	9.96	184	230408	63.44	ng		93
54) Dibenzofuran	10.11	168	1503902	33.33	ng		99
55) 4-Nitrophenol	10.03	139	461065	59.39	ng	#	82
56) 2,4-Dinitrotoluene	10.09	165	343383	31.43	ng	#	84
57) Fluorene	10.44	166	1092269	31.30	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.22	232	303539	31.32	ng		95
59) Diethylphthalate	10.33	149	1263596	32.57	ng		98
60) 4-Chlorophenyl-phenylether	10.44	204	549371	36.72	ng		99
61) 4-Nitroaniline	10.48	138	328646	34.47	ng	#	81
62) Azobenzene	10.60	77	1400179	32.90	ng		92
64) 4,6-Dinitro-2-methylphenol	10.50	198	186183	30.59	ng		81
65) n-Nitrosodiphenylamine	10.57	169	1038174	32.08	ng		98
66) 4-Bromophenyl-phenylether	10.93	248	364897	33.50	ng		95
67) Hexachlorobenzene	10.99	284	360592	29.41	ng	#	82
68) Atrazine	11.09	200	377377	35.64	ng		97
69) Pentachlorophenol	11.20	266	349263	54.94	ng		99
70) Phenanthrene	11.41	178	1792589	33.86	ng		98
71) Anthracene	11.46	178	1693345	32.63	ng		98
72) Carbazole	11.62	167	1697251	33.45	ng		98
73) Di-n-butylphthalate	11.95	149	1926165	33.24	ng	#	96
74) Fluoranthene	12.59	202	1658855	30.00	ng		98
76) Benzidine	12.72	184	717460	25.11	ng		99
77) Pyrene	12.82	202	1692534	27.06	ng		98
79) Butylbenzylphthalate	13.45	149	867997	32.07	ng		97
80) Benzo(a)anthracene	14.01	228	1409934	30.13	ng		98
81) 3,3'-Dichlorobenzidine	13.97	252	294583	18.04	ng	#	96
82) Chrysene	14.04	228	1294013	28.78	ng		99
83) Bis(2-ethylhexyl)phthalate	14.01	149	1035087	30.27	ng	#	97
84) Di-n-octyl phthalate	14.61	149	1744247	30.22	ng	#	89
85) Indeno(1,2,3-cd)pyrene	16.84	276	1069450	30.00	ng		99
87) Benzo(b)fluoranthene	15.04	252	1198855	29.12	ng	#	96
88) Benzo(k)fluoranthene	15.07	252	1221365m	36.28	ng		
89) Benzo(a)pyrene	15.39	252	1113713	31.90	ng		99
90) Dibenzo(a,h)anthracene	16.85	278	880028	29.29	ng		98
91) Benzo(g,h,i)perylene	17.27	276	879412	28.26	ng		98

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

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