Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010417\
Data File : BF092075.D
Acq On : 4 Jan 2017 18:34
Operator : UM/SJ
Sample : PB95751BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB95751BS

Manual Integrations APPROVED
Sohil
1/5/2017 4:02:11 PM

Quant Time: Jan 05 00:23:50 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 05 00:16:49 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	327109	20.00	ng		0.00
21) Naphthalene-d8	7.94	136	1321741	20.00	ng		-0.01
38) Acenaphthene-d10	9.70	164	570134	20.00	ng		0.00
63) Phenanthrene-d10	11.18	188	555526	20.00	ng		0.00
75) Chrysene-d12	13.81	240	437945	20.00	ng		0.00
86) Perylene-d12	15.18	264	361240	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.28	112	1689136	86.22	ng		0.02
7) Phenol-d6	6.33	99	1974081	82.53	ng		0.00
23) Nitrobenzene-d5	7.24	82	1297367	54.58	ng		0.00
41) 2,4,6-Tribromophenol	10.49	330	291150	61.71	ng		0.00
44) 2-Fluorobiphenyl	9.03	172	1753427	59.08	ng		0.00
78) Terphenyl-d14	12.77	244	1142631	63.28	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.23	88	221909	23.01	ng		95
3) Pyridine	2.88	79	568217	16.88	ng		96
4) n-Nitrosodimethylamine	2.84	42	283195	22.30	ng		96
6) Aniline	6.32	93	352581	11.35	ng	#	65
8) 2-Chlorophenol	6.46	128	573417	25.73	ng		86
9) Benzaldehyde	6.21	77	46140	2.36	ng		97
10) Phenol	6.34	94	825169	30.28	ng	#	70
11) bis(2-Chloroethyl)ether	6.40	93	568928	26.23	ng		95
12) 1,3-Dichlorobenzene	6.60	146	576745m	24.24	ng		
13) 1,4-Dichlorobenzene	6.68	146	592063	24.45	ng		99
14) 1,2-Dichlorobenzene	6.84	146	557829	26.55	ng		96
15) Benzyl Alcohol	6.82	79	479714	25.81	ng		96
16) 2,2'-oxybis(1-Chloropropan	6.95	45	787724	24.39	ng	#	28
17) 2-Methylphenol	6.95	107	477016	26.62	ng	#	93
18) Hexachloroethane	7.17	117	226156	25.19	ng	#	88
19) n-Nitroso-di-n-propylamine	7.09	70	396085	24.89	ng		99
20) 3+4-Methylphenols	7.10	107	624168	29.20	ng	#	71
22) Acetophenone	7.08	105	841221	25.80	ng		94
24) Nitrobenzene	7.25	77	588056	23.23	ng		99
25) Isophorone	7.50	82	1149376	26.21	ng		98
26) 2-Nitrophenol	7.57	139	298928	23.94	ng		97
27) 2,4-Dimethylphenol	7.62	122	490369	23.68	ng		98
28) bis(2-Chloroethoxy)methane	7.72	93	747064	28.09	ng		99
29) 2,4-Dichlorophenol	7.82	162	458604	26.15	ng		89
30) 1,2,4-Trichlorobenzene	7.90	180	493975	25.71	ng		100
31) Naphthalene	7.97	128	1528446	25.27	ng		99
32) Benzoic acid	7.77	122	361228	23.52	ng		99
33) 4-Chloroaniline	8.02	127	203897	7.48	ng		97
34) Hexachlorobutadiene	8.09	225	268805	26.50	ng		99
35) Caprolactam	8.40	113	131362m	22.80	ng		
36) 4-Chloro-3-methylphenol	8.53	107	411756	20.41	ng		95
37) 2-Methylnaphthalene	8.66	142	894926	20.24	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.84	216	343457	23.84	ng	#	98
40) Hexachlorocyclopentadiene	8.81	237	335661	53.70	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.95	196	238695	23.69	ng		98
43) 2,4,5-Trichlorophenol	9.00	196	235205	22.69	ng		98
45) 1,1'-Biphenyl	9.13	154	935504	23.96	ng		98
46) 2-Chloronaphthalene	9.14	162	743256	24.04	ng		93
47) 2-Nitroaniline	9.25	65	263071	23.90	ng		94
48) Acenaphthylene	9.56	152	1119415	23.54	ng		99
49) Dimethylphthalate	9.44	163	950939	26.08	ng		99
50) 2,6-Dinitrotoluene	9.50	165	223689	28.03	ng		93
51) Acenaphthene	9.73	154	703358	21.82	ng		99
52) 3-Nitroaniline	9.66	138	100980	10.22	ng		93
53) 2,4-Dinitrophenol	9.77	184	208893	47.04	ng	#	57
54) Dibenzofuran	9.91	168	1345490	30.91	ng		91
55) 4-Nitrophenol	9.85	139	361217	53.86	ng		96
56) 2,4-Dinitrotoluene	9.90	165	301642	30.11	ng	#	79
57) Fluorene	10.24	166	843719	26.64	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.04	232	256953m	31.34	ng		
59) Diethylphthalate	10.14	149	1101254	31.10	ng		95
60) 4-Chlorophenyl-phenylether	10.24	204	401464	28.95	ng		96
61) 4-Nitroaniline	10.28	138	212768	20.79	ng		97
62) Azobenzene	10.40	77	1045469	26.81	ng		97
64) 4,6-Dinitro-2-methylphenol	10.31	198	151794	45.19	ng		80
65) n-Nitrosodiphenylamine	10.37	169	848004	51.44	ng		99
66) 4-Bromophenyl-phenylether	10.73	248	147030	25.44	ng	#	78
67) Hexachlorobenzene	10.79	284	149070	24.13	ng	#	84
68) Atrazine	10.89	200	135096	25.41	ng		95
69) Pentachlorophenol	11.00	266	162354	53.57	ng		98
70) Phenanthrene	11.20	178	795171	26.40	ng		98
71) Anthracene	11.25	178	735830	23.53	ng		99
72) Carbazole	11.42	167	695612	23.06	ng		96
73) Di-n-butylphthalate	11.75	149	867490	28.93	ng		98
74) Fluoranthene	12.38	202	738452	26.36	ng		97
76) Benzidine	12.52	184	202504	14.61	ng		95
77) Pyrene	12.61	202	758812	23.62	ng		99
79) Butylbenzylphthalate	13.24	149	346768	23.73	ng		95
80) Benzo(a)anthracene	13.80	228	676736	27.38	ng		99
81) 3,3'-Dichlorobenzidine	13.76	252	118094	12.60	ng	#	96
82) Chrysene	13.83	228	522561	21.07	ng		99
83) Bis(2-ethylhexyl)phthalate	13.81	149	493987	28.70	ng	#	98
84) Di-n-octyl phthalate	14.41	149	820856	25.75	ng		98
85) Indeno(1,2,3-cd)pyrene	16.46	276	532201	24.77	ng	#	93
87) Benzo(b)fluoranthene	14.80	252	602704m	26.80	ng		
88) Benzo(k)fluoranthene	14.83	252	489013m	25.50	ng		
89) Benzo(a)pyrene	15.12	252	513105	25.70	ng	#	97
90) Dibenzo(a,h)anthracene	16.47	278	441236	26.89	ng	#	95
91) Benzo(g,h,i)perylene	16.85	276	438099	25.68	ng		96

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

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