Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021017\
Data File : BF092885.D
Acq On : 10 Feb 2017 16:18
Operator : SJ/MA
Sample : PB96853BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB96853BS

Manual Integrations APPROVED
mohammad
2/13/2017 12:40:33 PM

Quant Time: Feb 10 23:38:29 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 10 23:31:14 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	179561	20.00	ng		0.00
21) Naphthalene-d8	8.19	136	730628	20.00	ng		0.00
38) Acenaphthene-d10	9.94	164	390519	20.00	ng		0.00
63) Phenanthrene-d10	11.42	188	654017	20.00	ng		0.00
75) Chrysene-d12	14.07	240	565606	20.00	ng		0.00
86) Perylene-d12	15.51	264	453212	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	1070821	102.31	ng		0.01
7) Phenol-d6	6.54	99	1525356	113.27	ng		0.01
23) Nitrobenzene-d5	7.47	82	982713	74.90	ng		0.00
41) 2,4,6-Tribromophenol	10.74	330	337155	119.37	ng		0.00
44) 2-Fluorobiphenyl	9.26	172	1660949	77.05	ng		0.00
78) Terphenyl-d14	13.01	244	1541299	64.03	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.59	88	161289	28.52	ng	#	83
3) Pyridine	3.31	79	472716	32.87	ng		86
4) n-Nitrosodimethylamine	3.28	42	241403	35.75	ng		90
6) Aniline	6.56	93	350122	19.06	ng	#	79
8) 2-Chlorophenol	6.68	128	418055	36.21	ng		95
9) Benzaldehyde	6.44	77	144429	14.97	ng		98
10) Phenol	6.56	94	581142	36.88	ng		81
11) bis(2-Chloroethyl)ether	6.64	93	452731	36.00	ng		98
12) 1,3-Dichlorobenzene	6.83	146	468252m	34.62	ng		
13) 1,4-Dichlorobenzene	6.91	146	472952	34.55	ng		98
14) 1,2-Dichlorobenzene	7.07	146	479447	36.63	ng		95
15) Benzyl Alcohol	7.05	79	385966	38.71	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.18	45	784585	35.91	ng		95
17) 2-Methylphenol	7.16	107	370162	37.37	ng		96
18) Hexachloroethane	7.41	117	169365	36.25	ng		94
19) n-Nitroso-di-n-propylamine	7.31	70	310008	36.16	ng		95
20) 3+4-Methylphenols	7.32	107	449658	37.97	ng	#	84
22) Acetophenone	7.31	105	556013	33.33	ng	#	94
24) Nitrobenzene	7.48	77	430769	31.97	ng		99
25) Isophorone	7.72	82	856620	35.04	ng		96
26) 2-Nitrophenol	7.80	139	238188	37.19	ng		98
27) 2,4-Dimethylphenol	7.85	122	439306	39.06	ng		94
28) bis(2-Chloroethoxy)methane	7.94	93	582182	35.95	ng		99
29) 2,4-Dichlorophenol	8.04	162	375044	35.75	ng		87
30) 1,2,4-Trichlorobenzene	8.12	180	391882	34.67	ng	#	93
31) Naphthalene	8.21	128	1228839	33.18	ng		98
32) Benzoic acid	7.97	122	241461	39.40	ng		96
33) 4-Chloroaniline	8.26	127	188214	12.96	ng		97
34) Hexachlorobutadiene	8.33	225	218149	35.08	ng		98
35) Caprolactam	8.62	113	128209m	38.86	ng		
36) 4-Chloro-3-methylphenol	8.75	107	410944	37.58	ng		96
37) 2-Methylnaphthalene	8.90	142	837611	35.22	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.07	216	376885	34.38	ng		99
40) Hexachlorocyclopentadiene	9.05	237	325938	65.90	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.18	196	271676	37.72	ng		95
43) 2,4,5-Trichlorophenol	9.22	196	277236	35.13	ng		94
45) 1,1'-Biphenyl	9.37	154	1033152	36.54	ng		99
46) 2-Chloronaphthalene	9.39	162	825914	37.34	ng		98
47) 2-Nitroaniline	9.48	65	249218	33.51	ng		96
48) Acenaphthylene	9.80	152	1199003	31.38	ng		99
49) Dimethylphthalate	9.66	163	922340	35.06	ng		99
50) 2,6-Dinitrotoluene	9.73	165	233968	41.19	ng		88
51) Acenaphthene	9.97	154	796722	34.87	ng		96
52) 3-Nitroaniline	9.89	138	116032	17.85	ng		95
53) 2,4-Dinitrophenol	10.01	184	173210	61.13	ng	#	73
54) Dibenzofuran	10.14	168	1040505	34.05	ng		97
55) 4-Nitrophenol	10.08	139	360489	76.99	ng		83
56) 2,4-Dinitrotoluene	10.13	165	265958	35.17	ng		96
57) Fluorene	10.49	166	789005	33.56	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.27	232	222871	42.33	ng		96
59) Diethylphthalate	10.36	149	878044	35.42	ng		100
60) 4-Chlorophenyl-phenylether	10.48	204	378326	33.50	ng		95
61) 4-Nitroaniline	10.51	138	212079	31.85	ng		94
62) Azobenzene	10.64	77	983212	38.39	ng		96
64) 4,6-Dinitro-2-methylphenol	10.54	198	141823	36.31	ng		89
65) n-Nitrosodiphenylamine	10.60	169	735883	35.22	ng		99
66) 4-Bromophenyl-phenylether	10.97	248	226666	33.17	ng		96
67) Hexachlorobenzene	11.04	284	235138	34.82	ng	#	92
68) Atrazine	11.13	200	217376	32.42	ng		99
69) Pentachlorophenol	11.23	266	247106	71.71	ng		98
70) Phenanthrene	11.45	178	1173152	31.31	ng		98
71) Anthracene	11.50	178	1388502	36.90	ng		98
72) Carbazole	11.65	167	1143300	31.79	ng		99
73) Di-n-butylphthalate	11.98	149	1400935	36.01	ng	#	97
74) Fluoranthene	12.64	202	1244917	32.21	ng		97
76) Benzidine	12.76	184	373328	15.49	ng		96
77) Pyrene	12.86	202	1239481	29.28	ng		100
79) Butylbenzylphthalate	13.48	149	618877	36.00	ng		89
80) Benzo(a)anthracene	14.05	228	1033250	29.87	ng		100
81) 3,3'-Dichlorobenzidine	14.02	252	314442	25.50	ng	#	95
82) Chrysene	14.09	228	958394m	29.59	ng		
83) Bis(2-ethylhexyl)phthalate	14.04	149	856234	36.42	ng	#	96
84) Di-n-octyl phthalate	14.65	149	1366669	35.70	ng		99
85) Indeno(1,2,3-cd)pyrene	16.95	276	918100	36.60	ng		95
87) Benzo(b)fluoranthene	15.09	252	1088263	36.48	ng	#	96
88) Benzo(k)fluoranthene	15.12	252	899008m	34.90	ng		
89) Benzo(a)pyrene	15.45	252	935114	36.24	ng		98
90) Dibenzo(a,h)anthracene	16.96	278	772349	37.04	ng		97
91) Benzo(g,h,i)perylene	17.38	276	763400	36.24	ng	#	91

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

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