Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110917\
Data File : BF100347.D
Acq On : 9 Nov 2017 18:20
Operator : SJ/JU
Sample : PB103993BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB103993BS

Manual Integrations APPROVED
Sohil
11/10/2017 1:15:07 PM

Quant Time: Nov 10 00:49:17 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 09 16:04:38 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	163440	20.00	ng		0.00
21) Naphthalene-d8	8.19	136	674958	20.00	ng		0.00
38) Acenaphthene-d10	9.95	164	332851	20.00	ng		0.00
63) Phenanthrene-d10	11.43	188	667649	20.00	ng		0.00
75) Chrysene-d12	14.07	240	485334	20.00	ng		0.00
86) Perylene-d12	15.55	264	382401	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	1050656	103.05	ng		0.02
7) Phenol-d6	6.53	99	1316698	104.72	ng		0.00
23) Nitrobenzene-d5	7.47	82	841347	82.41	ng		0.00
41) 2,4,6-Tribromophenol	10.73	330	385266	113.59	ng		0.00
44) 2-Fluorobiphenyl	9.26	172	1614459	73.86	ng		0.00
78) Terphenyl-d14	13.02	244	1554083	73.57	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.80	88	147618	29.709	ng		93
3) Pyridine	3.56	79	441801	32.590	ng		95
4) n-Nitrosodimethylamine	3.51	42	218510	33.199	ng		94
6) Aniline	6.57	93	323392	18.206	ng		99
8) 2-Chlorophenol	6.69	128	403536	37.412	ng		96
9) Benzaldehyde	6.46	77	259308	28.880	ng		98
10) Phenol	6.54	94	486185m	36.835	ng		
11) bis(2-Chloroethyl)ether	6.64	93	390725	35.243	ng		94
12) 1,3-Dichlorobenzene	6.85	146	439987	35.381	ng		99
13) 1,4-Dichlorobenzene	6.92	146	443482	35.235	ng		98
14) 1,2-Dichlorobenzene	7.07	146	415176	35.676	ng		97
15) Benzyl Alcohol	7.04	79	372794	37.991	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.17	45	732242	41.296	ng		97
17) 2-Methylphenol	7.15	107	356362	38.661	ng		99
18) Hexachloroethane	7.42	117	156519	37.716	ng		97
19) n-Nitroso-di-n-propylamine	7.32	70	291229	33.400	ng		94
20) 3+4-Methylphenols	7.30	107	433391	37.155	ng		93
22) Acetophenone	7.31	105	548417	33.321	ng	#	97
24) Nitrobenzene	7.49	77	444744	42.325	ng		98
25) Isophorone	7.72	82	821975	38.314	ng		98
26) 2-Nitrophenol	7.80	139	228080	46.486	ng		98
27) 2,4-Dimethylphenol	7.83	122	407882	42.412	ng		98
28) bis(2-Chloroethoxy)methane	7.93	93	518936	36.979	ng		99
29) 2,4-Dichlorophenol	8.04	162	370455	40.350	ng		96
30) 1,2,4-Trichlorobenzene	8.12	180	364943	36.747	ng		100
31) Naphthalene	8.21	128	1179989	36.297	ng		100
32) Benzoic acid	7.95	122	281714	40.156	ng		100
33) 4-Chloroaniline	8.25	127	126293	9.333	ng		99
34) Hexachlorobutadiene	8.32	225	213968	36.236	ng		97
35) Caprolactam	8.63	113	126110m	40.025	ng		
36) 4-Chloro-3-methylphenol	8.73	107	394392	39.997	ng		100
37) 2-Methylnaphthalene	8.90	142	822874	38.126	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.06	216	357874	32.419	ng		98
40) Hexachlorocyclopentadiene	9.05	237	440105	84.709	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.17	196	278827	39.853	ng		99
43) 2,4,5-Trichlorophenol	9.21	196	293886	40.543	ng		97
45) 1,1'-Biphenyl	9.36	154	980454	34.057	ng		99
46) 2-Chloronaphthalene	9.39	162	766262	36.690	ng		98
47) 2-Nitroaniline	9.48	65	262755	42.893	ng		91
48) Acenaphthylene	9.80	152	1230242	35.545	ng		99
49) Dimethylphthalate	9.66	163	951668	37.447	ng		100
50) 2,6-Dinitrotoluene	9.72	165	211979	42.139	ng		96
51) Acenaphthene	9.97	154	826584	39.268	ng		99
52) 3-Nitroaniline	9.89	138	104712	17.628	ng		98
53) 2,4-Dinitrophenol	10.00	184	228206	94.875	ng	#	18
54) Dibenzofuran	10.15	168	1078422	36.554	ng		99
55) 4-Nitrophenol	10.05	139	369784	76.665	ng		97
56) 2,4-Dinitrotoluene	10.13	165	292745	46.130	ng	#	96
57) Fluorene	10.49	166	813819	37.655	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.26	232	248055	41.754	ng		89
59) Diethylphthalate	10.36	149	936992	36.843	ng		97
60) 4-Chlorophenyl-phenylether	10.48	204	396795	37.425	ng		94
61) 4-Nitroaniline	10.51	138	226125	40.146	ng		95
62) Azobenzene	10.65	77	904972	37.781	ng		93
64) 4,6-Dinitro-2-methylphenol	10.53	198	144308	43.735	ng		85
65) n-Nitrosodiphenylamine	10.60	169	798525	34.397	ng		95
66) 4-Bromophenyl-phenylether	10.97	248	267378	37.358	ng	#	84
67) Hexachlorobenzene	11.04	284	277634	37.090	ng	#	87
68) Atrazine	11.13	200	265083	37.722	ng		97
69) Pentachlorophenol	11.23	266	332577	61.961	ng		98
70) Phenanthrene	11.46	178	1260233	35.850	ng		99
71) Anthracene	11.51	178	1302815	36.530	ng		99
72) Carbazole	11.66	167	1184201	35.986	ng		99
73) Di-n-butylphthalate	11.99	149	1492596	38.759	ng		99
74) Fluoranthene	12.64	202	1328308	35.654	ng		96
76) Benzidine	12.76	184	483447	24.873	ng		98
77) Pyrene	12.87	202	1337825	38.669	ng		99
79) Butylbenzylphthalate	13.49	149	606435	42.982	ng		95
80) Benzo(a)anthracene	14.06	228	1070668	36.633	ng		99
81) 3,3'-Dichlorobenzidine	14.02	252	162272	15.497	ng		96
82) Chrysene	14.10	228	1029673	36.382	ng		99
83) Bis(2-ethylhexyl)phthalate	14.04	149	801273	43.180	ng		98
84) Di-n-octyl phthalate	14.66	149	1214842	38.108	ng		99
85) Indeno(1,2,3-cd)pyrene	17.04	276	831436	36.320	ng		96
87) Benzo(b)fluoranthene	15.12	252	860702	37.991	ng		98
88) Benzo(k)fluoranthene	15.14	252	826026	38.589	ng		98
89) Benzo(a)pyrene	15.49	252	782285	38.949	ng		99
90) Dibenzo(a,h)anthracene	17.07	278	684622	41.681	ng		97
91) Benzo(g,h,i)perylene	17.50	276	697463	43.378	ng		95

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

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