Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF021618\
Data File : BF103047.D
Acq On : 16 Feb 2018 12:58
Operator : SJ/JU
Sample : PB106606BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB106606BS

Manual Integrations APPROVED
Sohil
2/19/2018 11:09:23 AM

Quant Time: Feb 16 14:48:32 2018
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 16 14:34:49 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	179433	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	755393	20.00	ng		0.00
38) Acenaphthene-d10	9.92	164	331269	20.00	ng		0.00
63) Phenanthrene-d10	11.40	188	519556	20.00	ng		0.00
75) Chrysene-d12	14.05	240	328546	20.00	ng		0.00
86) Perylene-d12	15.54	264	317274	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.51	112	1125908	95.29	ng		0.02
7) Phenol-d6	6.52	99	1358280	95.48	ng		0.00
23) Nitrobenzene-d5	7.45	82	863756	79.32	ng		0.00
41) 2,4,6-Tribromophenol	10.71	330	255975	96.00	ng		0.00
44) 2-Fluorobiphenyl	9.23	172	1354651	67.86	ng		0.00
78) Terphenyl-d14	12.99	244	1039309	74.90	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.75	88	189131	32.409	ng		89
3) Pyridine	3.52	79	515564	31.976	ng		91
4) n-Nitrosodimethylamine	3.47	42	248426	36.012	ng		98
6) Aniline	6.54	93	413534	19.684	ng		96
8) 2-Chlorophenol	6.66	128	437197	35.942	ng		93
9) Benzaldehyde	6.43	77	90779	8.593	ng		99
10) Phenol	6.53	94	552695	36.252	ng		95
11) bis(2-Chloroethyl)ether	6.61	93	432680	34.106	ng		90
12) 1,3-Dichlorobenzene	6.82	146	457009	32.444	ng		99
13) 1,4-Dichlorobenzene	6.89	146	464931	33.135	ng		99
14) 1,2-Dichlorobenzene	7.05	146	427323	32.697	ng		97
15) Benzyl Alcohol	7.02	79	381720	34.900	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.15	45	753602	31.270	ng		100
17) 2-Methylphenol	7.13	107	375332	33.452	ng		98
18) Hexachloroethane	7.39	117	163573	33.996	ng		93
19) n-Nitroso-di-n-propylamine	7.29	70	289860	30.903	ng		95
20) 3+4-Methylphenols	7.28	107	427138	30.871	ng	#	76
22) Acetophenone	7.29	105	579872	31.370	ng	#	91
24) Nitrobenzene	7.46	77	471264	36.779	ng		98
25) Isophorone	7.70	82	864897	34.494	ng		99
26) 2-Nitrophenol	7.77	139	233693	45.058	ng		95
27) 2,4-Dimethylphenol	7.81	122	382313	36.090	ng		99
28) bis(2-Chloroethoxy)methane	7.90	93	540422	36.383	ng		98
29) 2,4-Dichlorophenol	8.02	162	351028	36.451	ng		98
30) 1,2,4-Trichlorobenzene	8.10	180	356591	32.732	ng		98
31) Naphthalene	8.19	128	1208908	32.756	ng		100
32) Benzoic acid	7.92	122	115955	22.660	ng		98
33) 4-Chloroaniline	8.23	127	241654	15.199	ng		98
34) Hexachlorobutadiene	8.29	225	178171	31.916	ng		97
35) Caprolactam	8.60	113	121594m	36.358	ng		
36) 4-Chloro-3-methylphenol	8.72	107	384822	35.566	ng		98
37) 2-Methylnaphthalene	8.87	142	791049	32.737	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	306853	34.020	ng		98
40) Hexachlorocyclopentadiene	9.02	237	121602	28.360	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	215226	36.328	ng		99
43) 2,4,5-Trichlorophenol	9.20	196	230479	34.516	ng		97
45) 1,1'-Biphenyl	9.34	154	901985	32.327	ng		99
46) 2-Chloronaphthalene	9.36	162	713036	32.460	ng		100
47) 2-Nitroaniline	9.46	65	270031	40.428	ng		95
48) Acenaphthylene	9.78	152	1063692	31.177	ng		100
49) Dimethylphthalate	9.63	163	854259	33.073	ng		100
50) 2,6-Dinitrotoluene	9.70	165	185025	37.651	ng		90
51) Acenaphthene	9.95	154	614814	30.133	ng		99
52) 3-Nitroaniline	9.87	138	153565	25.397	ng	#	98
53) 2,4-Dinitrophenol	9.98	184	26494	30.854	ng	#	23
54) Dibenzofuran	10.12	168	942788	32.788	ng		97
55) 4-Nitrophenol	10.04	139	297516	60.887	ng		93
56) 2,4-Dinitrotoluene	10.11	165	242373	37.495	ng		92
57) Fluorene	10.47	166	699900	33.455	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.24	232	161034	34.795	ng		99
59) Diethylphthalate	10.33	149	823810	32.301	ng		99
60) 4-Chlorophenyl-phenylether	10.46	204	320852	34.669	ng		96
61) 4-Nitroaniline	10.49	138	188931	32.826	ng		92
62) Azobenzene	10.62	77	806320	31.646	ng		97
64) 4,6-Dinitro-2-methylphenol	10.52	198	27995	20.338	ng		92
65) n-Nitrosodiphenylamine	10.57	169	642993	35.086	ng		100
66) 4-Bromophenyl-phenylether	10.95	248	195495	35.571	ng		93
67) Hexachlorobenzene	11.02	284	195148	32.186	ng		96
68) Atrazine	11.10	200	195010	36.070	ng		98
69) Pentachlorophenol	11.21	266	169104	47.513	ng		98
70) Phenanthrene	11.43	178	935038	32.314	ng		98
71) Anthracene	11.49	178	957840	32.546	ng		99
72) Carbazole	11.64	167	905233	31.396	ng		100
73) Di-n-butylphthalate	11.96	149	1216710	34.739	ng		99
74) Fluoranthene	12.62	202	851975	29.265	ng		98
76) Benzidine	12.74	184	496923	32.909	ng		99
77) Pyrene	12.85	202	858457	33.321	ng		99
79) Butylbenzylphthalate	13.46	149	450552	36.805	ng		98
80) Benzo(a)anthracene	14.04	228	696147	33.691	ng		100
81) 3,3'-Dichlorobenzidine	14.00	252	258921	33.797	ng		100
82) Chrysene	14.08	228	673652	32.342	ng		99
83) Bis(2-ethylhexyl)phthalate	14.02	149	623886	39.531	ng		100
84) Di-n-octyl phthalate	14.63	149	1024957	43.252	ng		100
85) Indeno(1,2,3-cd)pyrene	17.05	276	617525	35.747	ng		98
87) Benzo(b)fluoranthene	15.10	252	686710	33.384	ng		98
88) Benzo(k)fluoranthene	15.13	252	628994	32.003	ng		99
89) Benzo(a)pyrene	15.47	252	630371	34.045	ng	#	96
90) Dibenzo(a,h)anthracene	17.06	278	514283	34.221	ng		98
91) Benzo(g,h,i)perylene	17.50	276	506994	34.467	ng		100

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

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