Quantitation Report (QT Reviewed)

Data Path : U:\HPCHEM1\BNA F\DATA\BF020318\
Data File : BF102715.D
Acq On : 3 Feb 2018 14:26
Operator : SJ/JU
Sample : PB106243BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB106243BS

Manual Integrations APPROVED
Sohil
2/5/2018 11:05:13 AM

Quant Time: Feb 05 01:35:37 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 05 00:38:27 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	166461	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	707814	20.00	ng		0.00
38) Acenaphthene-d10	9.92	164	330136	20.00	ng		0.00
63) Phenanthrene-d10	11.40	188	593760	20.00	ng		0.00
75) Chrysene-d12	14.04	240	487027	20.00	ng		0.00
86) Perylene-d12	15.51	264	407013	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	1401204	127.84	ng		0.01
7) Phenol-d6	6.50	99	1670006	126.54	ng		0.00
23) Nitrobenzene-d5	7.44	82	1029203	100.87	ng		0.00
41) 2,4,6-Tribromophenol	10.70	330	374546	140.95	ng		0.00
44) 2-Fluorobiphenyl	9.23	172	1783988	89.67	ng		0.00
78) Terphenyl-d14	12.99	244	1720351	83.64	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.72	88	216695	40.026	ng	#	85
3) Pyridine	3.49	79	620480	41.482	ng		85
4) n-Nitrosodimethylamine	3.43	42	312316	48.801	ng		91
6) Aniline	6.54	93	384726	19.740	ng		96
8) 2-Chlorophenol	6.66	128	518545	45.952	ng		97
9) Benzaldehyde	6.43	77	208090	21.231	ng		96
10) Phenol	6.51	94	626575	44.300	ng		93
11) bis(2-Chloroethyl)ether	6.61	93	505894	42.984	ng		90
12) 1,3-Dichlorobenzene	6.82	146	534721	40.920	ng		98
13) 1,4-Dichlorobenzene	6.89	146	541153	41.572	ng		99
14) 1,2-Dichlorobenzene	7.05	146	499823	41.225	ng		98
15) Benzyl Alcohol	7.02	79	464702	45.798	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.15	45	966509	43.230	ng		96
17) 2-Methylphenol	7.12	107	453930	43.610	ng		99
18) Hexachloroethane	7.39	117	198308	44.426	ng		97
19) n-Nitroso-di-n-propylamine	7.29	70	359482	41.312	ng		90
20) 3+4-Methylphenols	7.27	107	543442	42.337	ng	#	86
22) Acetophenone	7.29	105	713471	41.191	ng	#	95
24) Nitrobenzene	7.46	77	552726	46.054	ng		99
25) Isophorone	7.70	82	1037565	44.161	ng		99
26) 2-Nitrophenol	7.77	139	261817	52.178	ng		99
27) 2,4-Dimethylphenol	7.80	122	505879	50.964	ng		100
28) bis(2-Chloroethoxy)methane	7.90	93	637239	45.785	ng		100
29) 2,4-Dichlorophenol	8.01	162	430925	47.756	ng		98
30) 1,2,4-Trichlorobenzene	8.10	180	424117	41.547	ng		98
31) Naphthalene	8.18	128	1458808	42.184	ng		99
32) Benzoic acid	7.92	122	332433	47.578	ng		99
33) 4-Chloroaniline	8.22	127	142555	9.569	ng		96
34) Hexachlorobutadiene	8.30	225	216975	41.480	ng		98
35) Caprolactam	8.59	113	157647m	50.307	ng		
36) 4-Chloro-3-methylphenol	8.70	107	484686	47.806	ng		98
37) 2-Methylnaphthalene	8.87	142	989832	43.718	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	355918	39.595	ng		98
40) Hexachlorocyclopentadiene	9.03	237	424378	99.312	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	295586	50.063	ng		99
43) 2,4,5-Trichlorophenol	9.18	196	295942	44.472	ng		98
45) 1,1'-Biphenyl	9.34	154	1141587	41.055	ng		99
46) 2-Chloronaphthalene	9.36	162	904609	41.323	ng		97
47) 2-Nitroaniline	9.45	65	318903	47.266	ng		85
48) Acenaphthylene	9.78	152	1394598	41.017	ng		99
49) Dimethylphthalate	9.63	163	1087181	42.235	ng		100
50) 2,6-Dinitrotoluene	9.70	165	241942	49.403	ng		98
51) Acenaphthene	9.95	154	913412	44.922	ng		99
52) 3-Nitroaniline	9.86	138	128535	21.330	ng		93
53) 2,4-Dinitrophenol	9.97	184	180466	96.004	ng	#	19
54) Dibenzofuran	10.12	168	1247019	43.518	ng		97
55) 4-Nitrophenol	10.02	139	467283	93.640	ng		94
56) 2,4-Dinitrotoluene	10.10	165	329056	49.965	ng		95
57) Fluorene	10.46	166	901621	43.245	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.23	232	235359	51.029	ng		97
59) Diethylphthalate	10.34	149	1108174	43.599	ng		99
60) 4-Chlorophenyl-phenylether	10.46	204	403257	43.723	ng		97
61) 4-Nitroaniline	10.48	138	275419	48.018	ng		95
62) Azobenzene	10.62	77	1097184	43.210	ng		95
64) 4,6-Dinitro-2-methylphenol	10.50	198	126368	50.283	ng		96
65) n-Nitrosodiphenylamine	10.57	169	868273	41.458	ng		99
66) 4-Bromophenyl-phenylether	10.95	248	264369	42.091	ng		96
67) Hexachlorobenzene	11.01	284	281434	40.617	ng		94
68) Atrazine	11.10	200	271802	43.991	ng		98
69) Pentachlorophenol	11.20	266	320443	78.782	ng		99
70) Phenanthrene	11.43	178	1371829	41.484	ng		99
71) Anthracene	11.48	178	1421952	42.277	ng		100
72) Carbazole	11.63	167	1364296	41.404	ng		99
73) Di-n-butylphthalate	11.96	149	1782107	44.523	ng		99
74) Fluoranthene	12.62	202	1425732	42.852	ng		98
76) Benzidine	12.73	184	507167	22.658	ng		98
77) Pyrene	12.85	202	1464024	38.335	ng		99
79) Butylbenzylphthalate	13.46	149	783029	42.973	ng		99
80) Benzo(a)anthracene	14.03	228	1206984	39.406	ng		99
81) 3,3'-Dichlorobenzidine	13.99	252	189425	16.680	ng		99
82) Chrysene	14.07	228	1190903	38.570	ng		99
83) Bis(2-ethylhexyl)phthalate	14.02	149	1023782	43.760	ng		99
84) Di-n-octyl phthalate	14.63	149	1773206	50.478	ng		97
85) Indeno(1,2,3-cd)pyrene	16.99	276	1009404	39.418	ng		99
87) Benzo(b)fluoranthene	15.08	252	1143099	43.319	ng		100
88) Benzo(k)fluoranthene	15.11	252	1030426	40.868	ng		99
89) Benzo(a)pyrene	15.45	252	1016364	42.790	ng		98
90) Dibenzo(a,h)anthracene	17.01	278	834095	43.264	ng		99
91) Benzo(g,h,i)perylene	17.44	276	846799	44.875	ng		99

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

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