Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030118\
Data File : BF103325.D
Acq On : 1 Mar 2018 10:09
Operator : SJ/JU
Sample : PB106938BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB106938BS

Manual Integrations APPROVED
Sohil
3/2/2018 3:30:15 PM

Quant Time: Mar 01 12:47:08 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 27 17:05:20 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	125981	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	526579	20.00	ng		0.00
38) Acenaphthene-d10	9.92	164	242693	20.00	ng		0.00
63) Phenanthrene-d10	11.41	188	416029	20.00	ng		0.00
75) Chrysene-d12	14.06	240	246123	20.00	ng		0.00
86) Perylene-d12	15.56	264	201687	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.51	112	1072253	128.73	ng		0.02
7) Phenol-d6	6.52	99	1309641	128.49	ng		0.01
23) Nitrobenzene-d5	7.44	82	777262	84.30	ng		0.00
41) 2,4,6-Tribromophenol	10.72	330	246439	119.96	ng		0.00
44) 2-Fluorobiphenyl	9.23	172	1137186	79.47	ng		0.00
78) Terphenyl-d14	12.99	244	1050516	102.60	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.72	88	213269	48.476	ng		93
3) Pyridine	3.52	79	577406	49.161	ng		97
4) n-Nitrosodimethylamine	3.46	42	295345	62.351	ng		85
6) Aniline	6.54	93	430142	29.241	ng	#	80
8) 2-Chlorophenol	6.67	128	406364	46.961	ng		97
9) Benzaldehyde	6.43	77	195636	29.215	ng		97
10) Phenol	6.53	94	522776	44.181	ng		81
11) bis(2-Chloroethyl)ether	6.61	93	436954	48.655	ng		94
12) 1,3-Dichlorobenzene	6.82	146	437542	44.247	ng		98
13) 1,4-Dichlorobenzene	6.89	146	437948	44.174	ng		99
14) 1,2-Dichlorobenzene	7.05	146	401756	43.947	ng		99
15) Benzyl Alcohol	7.02	79	364644	47.476	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.15	45	676874	43.891	ng		86
17) 2-Methylphenol	7.13	107	350143	44.526	ng	#	93
18) Hexachloroethane	7.38	117	168307	46.633	ng		91
19) n-Nitroso-di-n-propylamine	7.29	70	291816	46.002	ng		93
20) 3+4-Methylphenols	7.29	107	415566	43.352	ng	#	61
22) Acetophenone	7.29	105	547595	44.552	ng	#	88
24) Nitrobenzene	7.46	77	487822	48.052	ng		98
25) Isophorone	7.70	82	884991	48.732	ng		96
26) 2-Nitrophenol	7.77	139	232960	48.745	ng		90
27) 2,4-Dimethylphenol	7.81	122	384006	52.567	ng		99
28) bis(2-Chloroethoxy)methane	7.90	93	536791	50.275	ng		99
29) 2,4-Dichlorophenol	8.02	162	346169	49.495	ng		99
30) 1,2,4-Trichlorobenzene	8.10	180	331476	44.506	ng		98
31) Naphthalene	8.18	128	1164765	45.180	ng		100
32) Benzoic acid	7.96	122	286904	52.226	ng		95
33) 4-Chloroaniline	8.23	127	231043	20.768	ng		98
34) Hexachlorobutadiene	8.29	225	167512	43.191	ng		98
35) Caprolactam	8.62	113	124907m	50.815	ng		
36) 4-Chloro-3-methylphenol	8.72	107	390507	49.502	ng		97
37) 2-Methylnaphthalene	8.87	142	767508	46.065	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	282639	42.600	ng	#	97
40) Hexachlorocyclopentadiene	9.02	237	188105	80.386	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.16	196	210419	47.133	ng		99
43) 2,4,5-Trichlorophenol	9.20	196	223622	43.551	ng		98
45) 1,1'-Biphenyl	9.33	154	863579	42.464	ng		99
46) 2-Chloronaphthalene	9.36	162	684380	42.537	ng		100
47) 2-Nitroaniline	9.46	65	291508	48.914	ng	#	83
48) Acenaphthylene	9.78	152	1064049	42.984	ng		100
49) Dimethylphthalate	9.63	163	839583	43.124	ng		100
50) 2,6-Dinitrotoluene	9.70	165	181387	44.396	ng	#	79
51) Acenaphthene	9.95	154	608408	42.149	ng		98
52) 3-Nitroaniline	9.87	138	154211	29.750	ng		92
53) 2,4-Dinitrophenol	9.99	184	138854	92.393	ng	#	17
54) Dibenzofuran	10.12	168	883905	44.608	ng		93
55) 4-Nitrophenol	10.05	139	246600	76.759	ng	#	84
56) 2,4-Dinitrotoluene	10.12	165	226648	43.862	ng	#	82
57) Fluorene	10.47	166	705090	41.771	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.20	232	141138	40.918	ng		97
59) Diethylphthalate	10.33	149	816596	43.854	ng		99
60) 4-Chlorophenyl-phenylether	10.46	204	315735	44.109	ng		97
61) 4-Nitroaniline	10.50	138	207515	40.080	ng		98
62) Azobenzene	10.62	77	894425	47.190	ng		94
64) 4,6-Dinitro-2-methylphenol	10.53	198	103136	41.491	ng		86
65) n-Nitrosodiphenylamine	10.57	169	621512	42.906	ng		99
66) 4-Bromophenyl-phenylether	10.94	248	187724	43.316	ng		96
67) Hexachlorobenzene	11.02	284	197462	41.979	ng		94
68) Atrazine	11.10	200	197761	45.422	ng		98
69) Pentachlorophenol	11.22	266	177085	77.860	ng		99
70) Phenanthrene	11.43	178	986645	43.094	ng		99
71) Anthracene	11.49	178	1029827	43.864	ng		99
72) Carbazole	11.64	167	963356	41.204	ng		99
73) Di-n-butylphthalate	11.96	149	1273747	43.539	ng		99
74) Fluoranthene	12.63	202	995529	43.270	ng		99
76) Benzidine	12.74	184	167323	18.185	ng		98
77) Pyrene	12.86	202	918912	47.887	ng		100
79) Butylbenzylphthalate	13.46	149	515691	50.865	ng		99
80) Benzo(a)anthracene	14.05	228	746030	46.716	ng		99
81) 3,3'-Dichlorobenzidine	14.00	252	173491	30.442	ng		98
82) Chrysene	14.09	228	689296	44.454	ng		99
83) Bis(2-ethylhexyl)phthalate	14.02	149	622789	45.521	ng	#	99
84) Di-n-octyl phthalate	14.64	149	943036	42.661	ng		96
85) Indeno(1,2,3-cd)pyrene	17.10	276	640687	52.192	ng		98
87) Benzo(b)fluoranthene	15.12	252	597218	45.037	ng		96
88) Benzo(k)fluoranthene	15.15	252	513746	41.142	ng		99
89) Benzo(a)pyrene	15.50	252	552039	46.618	ng		99
90) Dibenzo(a,h)anthracene	17.11	278	531864	58.125	ng		99
91) Benzo(g,h,i)perylene	17.56	276	565599	63.245	ng		99

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

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