Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF021218\
Data File : BF102934.D
Acq On : 12 Feb 2018 22:19
Operator : SJ/JU
Sample : PB106452BS
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB106452BS

Manual Integrations APPROVED
Sohil
2/13/2018 11:26:04 AM

Quant Time: Feb 13 02:13:46 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 12:44:16 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	184407	20.00	ng		0.00
21) Naphthalene-d8	8.17	136	774544	20.00	ng		0.00
38) Acenaphthene-d10	9.93	164	332104	20.00	ng		0.00
63) Phenanthrene-d10	11.42	188	487013	20.00	ng		0.00
75) Chrysene-d12	14.06	240	320675	20.00	ng		0.00
86) Perylene-d12	15.54	264	283499	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	1313667	108.19	ng		0.02
7) Phenol-d6	6.52	99	1588956	108.68	ng		0.02
23) Nitrobenzene-d5	7.45	82	1045605	93.65	ng		0.00
41) 2,4,6-Tribromophenol	10.72	330	278882	104.33	ng		0.01
44) 2-Fluorobiphenyl	9.25	172	1613996	80.64	ng		0.00
78) Terphenyl-d14	13.00	244	1141422	84.28	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.74	88	202749	33.805	ng		88
3) Pyridine	3.52	79	597180	36.039	ng		92
4) n-Nitrosodimethylamine	3.46	42	296996	41.891	ng	#	94
6) Aniline	6.55	93	437879	20.280	ng		95
8) 2-Chlorophenol	6.67	128	474191	37.932	ng		97
9) Benzaldehyde	6.43	77	129046	11.885	ng		95
10) Phenol	6.53	94	610659	38.973	ng		95
11) bis(2-Chloroethyl)ether	6.62	93	493236	37.830	ng		91
12) 1,3-Dichlorobenzene	6.83	146	505677	34.931	ng		99
13) 1,4-Dichlorobenzene	6.90	146	508208	35.242	ng		99
14) 1,2-Dichlorobenzene	7.06	146	464075	34.551	ng		100
15) Benzyl Alcohol	7.03	79	437265	38.900	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.16	45	862077	34.807	ng		99
17) 2-Methylphenol	7.14	107	418393	36.284	ng		99
18) Hexachloroethane	7.40	117	172099	34.803	ng		96
19) n-Nitroso-di-n-propylamine	7.30	70	339801	35.250	ng		93
20) 3+4-Methylphenols	7.29	107	474109	33.341	ng	#	82
22) Acetophenone	7.29	105	650106	34.299	ng	#	87
24) Nitrobenzene	7.47	77	537482	40.918	ng		97
25) Isophorone	7.70	82	1009849	39.279	ng		97
26) 2-Nitrophenol	7.79	139	246656	46.127	ng		97
27) 2,4-Dimethylphenol	7.82	122	459298	42.285	ng		98
28) bis(2-Chloroethoxy)methane	7.92	93	617733	40.560	ng		99
29) 2,4-Dichlorophenol	8.03	162	380501	38.535	ng		96
30) 1,2,4-Trichlorobenzene	8.11	180	389950	34.909	ng		99
31) Naphthalene	8.19	128	1339627	35.400	ng		99
32) Benzoic acid	7.92	122	173804	28.664	ng		98
33) 4-Chloroaniline	8.23	127	184144	11.296	ng		94
34) Hexachlorobutadiene	8.30	225	196753	34.373	ng		99
35) Caprolactam	8.61	113	123466m	36.005	ng		
36) 4-Chloro-3-methylphenol	8.72	107	435108	39.219	ng		99
37) 2-Methylnaphthalene	8.88	142	887895	35.837	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.05	216	337120	37.281	ng		98
40) Hexachlorocyclopentadiene	9.03	237	90239	20.992	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.16	196	235884	39.715	ng		99
43) 2,4,5-Trichlorophenol	9.20	196	239942	35.843	ng		98
45) 1,1'-Biphenyl	9.35	154	1020461	36.481	ng		98
46) 2-Chloronaphthalene	9.37	162	788213	35.793	ng		99
47) 2-Nitroaniline	9.47	65	308592	45.599	ng		87
48) Acenaphthylene	9.79	152	1175536	34.369	ng		99
49) Dimethylphthalate	9.65	163	963184	37.196	ng		100
50) 2,6-Dinitrotoluene	9.71	165	202190	41.041	ng		92
51) Acenaphthene	9.96	154	705699	34.501	ng		100
52) 3-Nitroaniline	9.88	138	167977	27.711	ng		96
53) 2,4-Dinitrophenol	9.99	184	31214	33.919	ng	#	22
54) Dibenzofuran	10.13	168	1039041	36.045	ng		98
55) 4-Nitrophenol	10.04	139	285849	58.519	ng		90
56) 2,4-Dinitrotoluene	10.12	165	259249	39.799	ng		97
57) Fluorene	10.47	166	750863	35.801	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.25	232	164172	35.384	ng		95
59) Diethylphthalate	10.35	149	934148	36.535	ng		99
60) 4-Chlorophenyl-phenylether	10.46	204	351795	37.917	ng		97
61) 4-Nitroaniline	10.49	138	205085	35.543	ng		97
62) Azobenzene	10.63	77	949355	37.166	ng		96
64) 4,6-Dinitro-2-methylphenol	10.52	198	29996	21.921	ng		94
65) n-Nitrosodiphenylamine	10.59	169	709636	41.310	ng		99
66) 4-Bromophenyl-phenylether	10.96	248	211657	41.085	ng		94
67) Hexachlorobenzene	11.02	284	210242	36.993	ng		99
68) Atrazine	11.11	200	206415	40.731	ng		97
69) Pentachlorophenol	11.22	266	166264	49.836	ng		97
70) Phenanthrene	11.44	178	969924	35.760	ng		99
71) Anthracene	11.49	178	1006924	36.500	ng		100
72) Carbazole	11.64	167	915142	33.861	ng		99
73) Di-n-butylphthalate	11.97	149	1350502	41.136	ng		99
74) Fluoranthene	12.63	202	878357	32.187	ng		98
76) Benzidine	12.74	184	461262	31.297	ng		99
77) Pyrene	12.86	202	887849	35.308	ng		100
79) Butylbenzylphthalate	13.47	149	490208	40.910	ng		99
80) Benzo(a)anthracene	14.04	228	772844	38.321	ng		99
81) 3,3'-Dichlorobenzidine	14.00	252	268009	35.841	ng		99
82) Chrysene	14.09	228	731347	35.974	ng		99
83) Bis(2-ethylhexyl)phthalate	14.02	149	691353	44.881	ng	#	99
84) Di-n-octyl phthalate	14.64	149	1149380	49.693	ng		97
85) Indeno(1,2,3-cd)pyrene	17.04	276	593223	35.183	ng		98
87) Benzo(b)fluoranthene	15.10	252	710079	38.633	ng		98
88) Benzo(k)fluoranthene	15.13	252	712404	40.565	ng		99
89) Benzo(a)pyrene	15.48	252	642356	38.826	ng		97
90) Dibenzo(a,h)anthracene	17.06	278	498062	37.090	ng		98
91) Benzo(g,h,i)perylene	17.50	276	472773	35.969	ng		99

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

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