Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041818\
Data File : BF104611.D
Acq On : 18 Apr 2018 19:31
Operator : JU/SJ
Sample : PB108320BS
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB108320BS

Manual Integrations APPROVED
Sohil
4/19/2018 12:43:21 PM

Quant Time: Apr 19 01:33:32 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 18 11:52:19 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	127577	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	508647	20.00	ng		0.00
38) Acenaphthene-d10	9.85	164	212230	20.00	ng		0.00
63) Phenanthrene-d10	11.33	188	327307	20.00	ng		0.00
75) Chrysene-d12	13.98	240	270945	20.00	ng		0.00
86) Perylene-d12	15.44	264	266755	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	1037267	124.32	ng		0.01
7) Phenol-d6	6.45	99	1257771	122.69	ng		0.01
23) Nitrobenzene-d5	7.37	82	798813	102.55	ng		0.00
41) 2,4,6-Tribromophenol	10.64	330	271701	123.42	ng		0.00
44) 2-Fluorobiphenyl	9.17	172	1320701	98.31	ng		0.00
78) Terphenyl-d14	12.92	244	1061029	89.28	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.58	88	149767	38.523	ng	#	90
3) Pyridine	3.32	79	427175	39.081	ng	#	86
4) n-Nitrosodimethylamine	3.28	42	170797	44.700	ng	#	74
6) Aniline	6.47	93	212157	14.896	ng	#	84
8) 2-Chlorophenol	6.59	128	395558	44.918	ng		96
9) Benzaldehyde	6.36	77	241112	50.987	ng		96
10) Phenol	6.46	94	457361	42.048	ng		97
11) bis(2-Chloroethyl)ether	6.55	93	373321	43.009	ng		96
12) 1,3-Dichlorobenzene	6.75	146	416629	41.761	ng		99
13) 1,4-Dichlorobenzene	6.82	146	421547	42.388	ng		99
14) 1,2-Dichlorobenzene	6.97	146	385732	41.855	ng		99
15) Benzyl Alcohol	6.95	79	320448	41.156	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.08	45	482238	41.369	ng		90
17) 2-Methylphenol	7.06	107	324825	42.433	ng		97
18) Hexachloroethane	7.32	117	145770	41.111	ng		99
19) n-Nitroso-di-n-propylamine	7.22	70	253467	37.837	ng		95
20) 3+4-Methylphenols	7.22	107	374664	39.464	ng	#	62
22) Acetophenone	7.22	105	503500	40.207	ng		96
24) Nitrobenzene	7.39	77	400275	46.542	ng		97
25) Isophorone	7.63	82	726565	44.108	ng		99
26) 2-Nitrophenol	7.70	139	208269	59.485	ng		98
27) 2,4-Dimethylphenol	7.75	122	339890	46.754	ng		99
28) bis(2-Chloroethoxy)methane	7.84	93	474382	47.102	ng		99
29) 2,4-Dichlorophenol	7.95	162	314054	45.276	ng		97
30) 1,2,4-Trichlorobenzene	8.03	180	327681	43.046	ng		100
31) Naphthalene	8.11	128	1089607	43.020	ng		99
32) Benzoic acid	7.87	122	208539	35.952	ng		96
33) 4-Chloroaniline	8.16	127	70927	6.537	ng		96
34) Hexachlorobutadiene	8.22	225	175356	42.056	ng		98
35) Caprolactam	8.54	113	103137m	42.623	ng		
36) 4-Chloro-3-methylphenol	8.65	107	328677	44.191	ng		100
37) 2-Methylnaphthalene	8.80	142	704393	42.995	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	291443	47.972	ng		99
40) Hexachlorocyclopentadiene	8.95	237	159098	46.778	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	201602	47.803	ng		99
43) 2,4,5-Trichlorophenol	9.13	196	207067	43.876	ng		94
45) 1,1'-Biphenyl	9.27	154	800623	44.906	ng		99
46) 2-Chloronaphthalene	9.29	162	633097	44.956	ng		99
47) 2-Nitroaniline	9.39	65	188513	54.130	ng		96
48) Acenaphthylene	9.71	152	932984	42.226	ng		99
49) Dimethylphthalate	9.57	163	760792	45.458	ng		99
50) 2,6-Dinitrotoluene	9.63	165	165907	53.574	ng		95
51) Acenaphthene	9.88	154	534629	39.658	ng		99
52) 3-Nitroaniline	9.80	138	43464	11.989	ng		99
53) 2,4-Dinitrophenol	9.91	184	66957	59.763	ng	#	21
54) Dibenzofuran	10.05	168	814995	43.381	ng		98
55) 4-Nitrophenol	9.97	139	235334	82.634	ng		95
56) 2,4-Dinitrotoluene	10.04	165	199175	49.032	ng		96
57) Fluorene	10.40	166	596538	43.624	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.17	232	153080	43.478	ng		95
59) Diethylphthalate	10.27	149	714487	42.866	ng		98
60) 4-Chlorophenyl-phenylether	10.39	204	282132	46.327	ng		98
61) 4-Nitroaniline	10.42	138	131687	37.149	ng		98
62) Azobenzene	10.55	77	650641	40.858	ng		96
64) 4,6-Dinitro-2-methylphenol	10.45	198	52382	35.178	ng		79
65) n-Nitrosodiphenylamine	10.50	169	558665	49.228	ng		100
66) 4-Bromophenyl-phenylether	10.87	248	173007	49.693	ng		96
67) Hexachlorobenzene	10.94	284	181785	46.404	ng		95
68) Atrazine	11.03	200	174728	51.008	ng		100
69) Pentachlorophenol	11.14	266	168639	69.584	ng		96
70) Phenanthrene	11.36	178	809541	44.413	ng		99
71) Anthracene	11.41	178	819911	44.251	ng		99
72) Carbazole	11.57	167	757600	41.843	ng		99
73) Di-n-butylphthalate	11.89	149	1004357	45.411	ng		99
74) Fluoranthene	12.55	202	797194	41.860	ng		99
76) Benzidine	12.67	184	433040	50.697	ng		98
77) Pyrene	12.78	202	791900	39.431	ng		99
79) Butylbenzylphthalate	13.39	149	389526	41.169	ng		99
80) Benzo(a)anthracene	13.97	228	756869	46.759	ng		99
81) 3,3'-Dichlorobenzidine	13.93	252	237841	39.409	ng		99
82) Chrysene	14.01	228	716879	43.118	ng		100
83) Bis(2-ethylhexyl)phthalate	13.95	149	538937	44.284	ng		99
84) Di-n-octyl phthalate	14.57	149	947589	46.599	ng	#	95
85) Indeno(1,2,3-cd)pyrene	16.90	276	662876	46.934	ng		98
87) Benzo(b)fluoranthene	15.02	252	755720	44.856	ng		98
88) Benzo(k)fluoranthene	15.05	252	739615	46.500	ng		100
89) Benzo(a)pyrene	15.39	252	704025	46.703	ng		99
90) Dibenzo(a,h)anthracene	16.92	278	567762	45.858	ng		99
91) Benzo(g,h,i)perylene	17.34	276	522120	43.529	ng		97

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

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