Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041818\
Data File : BF104608.D
Acq On : 18 Apr 2018 18:11
Operator : JU/SJ
Sample : PB108327BS
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB108327BS

Manual Integrations APPROVED
Sohil
4/19/2018 12:43:17 PM

Quant Time: Apr 19 01:24:18 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	119520	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	482421	20.00	ng		0.00
38) Acenaphthene-d10	9.85	164	211504	20.00	ng		0.00
63) Phenanthrene-d10	11.33	188	337813	20.00	ng		0.00
75) Chrysene-d12	13.98	240	237609	20.00	ng		0.00
86) Perylene-d12	15.44	264	238816	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	947945	121.27	ng		0.01
7) Phenol-d6	6.45	99	1164300	121.23	ng		0.00
23) Nitrobenzene-d5	7.37	82	735334	99.53	ng		0.00
41) 2,4,6-Tribromophenol	10.64	330	269238	122.72	ng		0.00
44) 2-Fluorobiphenyl	9.17	172	1266289	94.58	ng		0.00
78) Terphenyl-d14	12.92	244	996475	95.61	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.59	88	145368	39.912	ng		89
3) Pyridine	3.32	79	412121	40.245	ng		87
4) n-Nitrosodimethylamine	3.28	42	154871	43.265	ng	#	76
6) Aniline	6.47	93	183630	13.762	ng		92
8) 2-Chlorophenol	6.59	128	363841	44.101	ng		95
9) Benzaldehyde	6.36	77	232506	53.752	ng		94
10) Phenol	6.46	94	432028	42.396	ng		95
11) bis(2-Chloroethyl)ether	6.55	93	346115	42.563	ng		94
12) 1,3-Dichlorobenzene	6.75	146	385856	41.283	ng		100
13) 1,4-Dichlorobenzene	6.82	146	391118	41.979	ng		100
14) 1,2-Dichlorobenzene	6.97	146	361575	41.878	ng		99
15) Benzyl Alcohol	6.95	79	298414	40.909	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.08	45	443927	40.650	ng		90
17) 2-Methylphenol	7.06	107	303185	42.276	ng		96
18) Hexachloroethane	7.32	117	136705	41.153	ng		98
19) n-Nitroso-di-n-propylamine	7.22	70	233636	37.228	ng		94
20) 3+4-Methylphenols	7.22	107	357209	40.161	ng	#	61
22) Acetophenone	7.22	105	471942	39.736	ng		98
24) Nitrobenzene	7.39	77	375078	45.983	ng		97
25) Isophorone	7.63	82	680787	43.576	ng		98
26) 2-Nitrophenol	7.70	139	194386	58.538	ng		97
27) 2,4-Dimethylphenol	7.75	122	319134	46.285	ng		100
28) bis(2-Chloroethoxy)methane	7.84	93	442901	46.367	ng		99
29) 2,4-Dichlorophenol	7.95	162	297430	45.211	ng		98
30) 1,2,4-Trichlorobenzene	8.03	180	305630	42.332	ng		99
31) Naphthalene	8.11	128	1024496	42.648	ng		99
32) Benzoic acid	7.87	122	213201	38.754	ng		97
33) 4-Chloroaniline	8.16	127	64818	6.298	ng		98
34) Hexachlorobutadiene	8.22	225	166196	42.026	ng		98
35) Caprolactam	8.54	113	101921m	44.410	ng		
36) 4-Chloro-3-methylphenol	8.65	107	317445	45.001	ng		99
37) 2-Methylnaphthalene	8.80	142	669817	43.107	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	281370	46.473	ng		99
40) Hexachlorocyclopentadiene	8.95	237	135138	39.870	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	196627	46.783	ng		98
43) 2,4,5-Trichlorophenol	9.13	196	207808	44.184	ng		95
45) 1,1'-Biphenyl	9.27	154	776913	43.726	ng		99
46) 2-Chloronaphthalene	9.29	162	616417	43.922	ng		99
47) 2-Nitroaniline	9.39	65	186136	53.631	ng		96
48) Acenaphthylene	9.71	152	915351	41.570	ng		99
49) Dimethylphthalate	9.57	163	738490	44.277	ng		100
50) 2,6-Dinitrotoluene	9.63	165	160530	52.015	ng		96
51) Acenaphthene	9.88	154	534581	39.791	ng		100
52) 3-Nitroaniline	9.80	138	54575	15.105	ng		99
53) 2,4-Dinitrophenol	9.91	184	61708	56.596	ng	#	21
54) Dibenzofuran	10.05	168	808405	43.178	ng		98
55) 4-Nitrophenol	9.97	139	241682	85.155	ng		95
56) 2,4-Dinitrotoluene	10.04	165	202803	50.097	ng	#	95
57) Fluorene	10.40	166	606657	44.516	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.17	232	154298	43.975	ng		94
59) Diethylphthalate	10.27	149	702956	42.319	ng		97
60) 4-Chlorophenyl-phenylether	10.39	204	282758	46.590	ng		99
61) 4-Nitroaniline	10.42	138	133850	37.889	ng		97
62) Azobenzene	10.54	77	659167	41.536	ng		97
64) 4,6-Dinitro-2-methylphenol	10.44	198	46662	31.368	ng		86
65) n-Nitrosodiphenylamine	10.51	169	556541	47.515	ng		100
66) 4-Bromophenyl-phenylether	10.87	248	175505	48.843	ng		97
67) Hexachlorobenzene	10.94	284	184588	45.654	ng	#	84
68) Atrazine	11.03	200	178917	50.606	ng		98
69) Pentachlorophenol	11.14	266	163424	65.335	ng		98
70) Phenanthrene	11.36	178	823639	43.781	ng		99
71) Anthracene	11.41	178	846048	44.242	ng		99
72) Carbazole	11.57	167	759153	40.625	ng		99
73) Di-n-butylphthalate	11.89	149	1031639	45.194	ng		99
74) Fluoranthene	12.55	202	757540	38.541	ng		96
76) Benzidine	12.67	184	418484	58.961	ng		97
77) Pyrene	12.78	202	755104	42.873	ng		99
79) Butylbenzylphthalate	13.40	149	369341	44.513	ng		94
80) Benzo(a)anthracene	13.97	228	666433	46.948	ng		99
81) 3,3'-Dichlorobenzidine	13.93	252	216189	40.847	ng		97
82) Chrysene	14.01	228	643628	44.143	ng		99
83) Bis(2-ethylhexyl)phthalate	13.95	149	498444	46.703	ng	#	98
84) Di-n-octyl phthalate	14.57	149	844298	47.345	ng		96
85) Indeno(1,2,3-cd)pyrene	16.90	276	583429	47.104	ng		98
87) Benzo(b)fluoranthene	15.02	252	668391	44.314	ng		99
88) Benzo(k)fluoranthene	15.05	252	632863	44.443	ng		98
89) Benzo(a)pyrene	15.38	252	617682	45.769	ng		97
90) Dibenzo(a,h)anthracene	16.92	278	497830	44.914	ng		98
91) Benzo(g,h,i)perylene	17.33	276	459049	42.748	ng		97

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

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