Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050218\
Data File : BF105066.D
Acq On : 3 May 2018 7:47
Operator : JU/SJ
Sample : PB108808BSD
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB108808BSD

Quant Time: May 03 09:00:08 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 02 17:25:18 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	83605	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	334659	20.00	ng		0.00
38) Acenaphthene-d10	9.83	164	148571	20.00	ng		0.00
63) Phenanthrene-d10	11.32	188	245906	20.00	ng		0.00
75) Chrysene-d12	14.02	240	187787	20.00	ng		-0.01
86) Perylene-d12	15.57	264	152657	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	520285	95.16	ng		0.00
7) Phenol-d6	6.43	99	626985	93.33	ng		0.00
23) Nitrobenzene-d5	7.36	82	537819	104.94	ng		0.00
41) 2,4,6-Tribromophenol	10.63	330	152735	99.10	ng		0.00
44) 2-Fluorobiphenyl	9.15	172	1012844	107.70	ng		0.00
78) Terphenyl-d14	12.91	244	871934	105.86	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.53	88	92721	36.393	ng	#	85
3) Pyridine	3.27	79	266496	37.204	ng	#	84
4) n-Nitrosodimethylamine	3.25	42	100940	40.312	ng		81
6) Aniline	6.45	93	210898	22.596	ng	#	58
8) 2-Chlorophenol	6.57	128	287331	49.788	ng		94
9) Benzaldehyde	6.34	77	181736	69.240	ng		96
10) Phenol	6.45	94	334780	46.966	ng		93
11) bis(2-Chloroethyl)ether	6.53	93	255561	44.927	ng		93
12) 1,3-Dichlorobenzene	6.73	146	297770	45.545	ng		99
13) 1,4-Dichlorobenzene	6.80	146	301827	46.312	ng		99
14) 1,2-Dichlorobenzene	6.96	146	281164	46.554	ng		100
15) Benzyl Alcohol	6.94	79	215434	42.221	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.06	45	283947	37.170	ng		54
17) 2-Methylphenol	7.05	107	229902	45.829	ng		94
18) Hexachloroethane	7.29	117	99302	42.735	ng		96
19) n-Nitroso-di-n-propylamine	7.21	70	174433	39.734	ng		88
20) 3+4-Methylphenols	7.21	107	288800	46.419	ng	#	83
22) Acetophenone	7.20	105	373719	45.359	ng	#	98
24) Nitrobenzene	7.38	77	277153	48.980	ng		93
25) Isophorone	7.62	82	503120	46.423	ng		99
26) 2-Nitrophenol	7.69	139	151708	65.858	ng		93
27) 2,4-Dimethylphenol	7.73	122	245448	51.316	ng		99
28) bis(2-Chloroethoxy)methane	7.82	93	326924	49.337	ng		99
29) 2,4-Dichlorophenol	7.94	162	235389	51.578	ng		97
30) 1,2,4-Trichlorobenzene	8.02	180	242424	48.402	ng		98
31) Naphthalene	8.10	128	790687	47.448	ng		100
32) Benzoic acid	7.87	122	112977	29.604	ng		97
33) 4-Chloroaniline	8.15	127	92936	13.018	ng		96
34) Hexachlorobutadiene	8.20	225	131103	47.789	ng		98
35) Caprolactam	8.53	113	74950	47.077	ng	#	77
36) 4-Chloro-3-methylphenol	8.65	107	249416	50.969	ng		100
37) 2-Methylnaphthalene	8.79	142	525094	48.714	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	229710	54.012	ng		98
40) Hexachlorocyclopentadiene	8.93	237	33572	14.100	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.07	196	154997	52.500	ng		99
43) 2,4,5-Trichlorophenol	9.12	196	166399	50.366	ng		99
45) 1,1'-Biphenyl	9.25	154	631285	50.580	ng		98
46) 2-Chloronaphthalene	9.28	162	490165	49.721	ng		98
47) 2-Nitroaniline	9.39	65	138301	56.728	ng		84
48) Acenaphthylene	9.69	152	716132	46.299	ng		100
49) Dimethylphthalate	9.55	163	588481	50.229	ng		100
50) 2,6-Dinitrotoluene	9.63	165	129178	59.586	ng	#	82
51) Acenaphthene	9.87	154	420804	44.589	ng		99
52) 3-Nitroaniline	9.79	138	52014	20.494	ng		96
53) 2,4-Dinitrophenol	9.92	184	48808	61.463	ng	#	15
54) Dibenzofuran	10.04	168	617607	46.960	ng		97
55) 4-Nitrophenol	9.97	139	158181	79.342	ng		95
56) 2,4-Dinitrotoluene	10.03	165	150428	52.899	ng	#	95
57) Fluorene	10.38	166	498273	52.051	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.16	232	120971	49.080	ng		93
59) Diethylphthalate	10.25	149	553513	47.437	ng		99
60) 4-Chlorophenyl-phenylether	10.37	204	236783	55.540	ng		99
61) 4-Nitroaniline	10.42	138	107248	43.218	ng		92
62) Azobenzene	10.53	77	482754	43.305	ng		93
64) 4,6-Dinitro-2-methylphenol	10.45	198	42445	37.364	ng	#	76
65) n-Nitrosodiphenylamine	10.49	169	447865	52.528	ng		100
66) 4-Bromophenyl-phenylether	10.86	248	139707	53.412	ng		90
67) Hexachlorobenzene	10.93	284	149774	50.889	ng	#	85
68) Atrazine	11.02	200	145473	56.525	ng		99
69) Pentachlorophenol	11.13	266	119085	65.403	ng		94
70) Phenanthrene	11.35	178	661530	48.307	ng		99
71) Anthracene	11.40	178	690802	49.625	ng		99
72) Carbazole	11.56	167	629466	46.275	ng		99
73) Di-n-butylphthalate	11.88	149	824300	49.607	ng		98
74) Fluoranthene	12.54	202	658002	45.989	ng		98
76) Benzidine	12.67	184	432783	112.616	ng		98
77) Pyrene	12.77	202	653926	46.979	ng		99
79) Butylbenzylphthalate	13.40	149	321531	49.032	ng		92
80) Benzo(a)anthracene	14.01	228	591711	52.744	ng		99
81) 3,3'-Dichlorobenzidine	13.97	252	203001	48.531	ng		98
82) Chrysene	14.05	228	560262	48.620	ng		98
83) Bis(2-ethylhexyl)phthalate	13.98	149	453405	53.754	ng		99
84) Di-n-octyl phthalate	14.67	149	748515	53.110	ng	#	93
85) Indeno(1,2,3-cd)pyrene	17.06	276	421908	43.101	ng		96
87) Benzo(b)fluoranthene	15.14	252	528404	54.805	ng		98
88) Benzo(k)fluoranthene	15.17	252	468626	51.483	ng		99
89) Benzo(a)pyrene	15.52	252	449599	52.117	ng		99
90) Dibenzo(a,h)anthracene	17.07	278	356658	50.338	ng		97
91) Benzo(g,h,i)perylene	17.50	276	341207	49.707	ng		95

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

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