Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052316\
Data File : BF087316.D
Acq On : 23 May 2016 23:58
Operator : UM/SJ
Sample : PB90822BS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB90822BS

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Quant Time: May 24 02:14:27 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 24 01:40:43 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	123281	20.00	ng		0.00
21) Naphthalene-d8	9.64	136	505639	20.00	ng		0.00
38) Acenaphthene-d10	12.48	164	241722	20.00	ng		0.00
63) Phenanthrene-d10	14.88	188	448381	20.00	ng		0.00
75) Chrysene-d12	18.56	240	366005	20.00	ng		0.00
86) Perylene-d12	20.23	264	286070	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.54	112	952278	135.73	ng		0.02
7) Phenol-d6	7.15	99	1209427	127.57	ng		-0.01
23) Nitrobenzene-d5	8.52	82	821164	81.85	ng		-0.01
41) 2,4,6-Tribromophenol	13.77	330	288164	124.05	ng		-0.01
44) 2-Fluorobiphenyl	11.43	172	1436222	83.76	ng		0.00
78) Terphenyl-d14	17.21	244	1304965	75.80	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.03	88	125230	33.83	ng	#	64
3) Pyridine	2.65	79	287375	35.51	ng	#	66
4) n-Nitrosodimethylamine	2.62	42	263775	42.30	ng	#	50
6) Aniline	7.12	93	301183	24.56	ng		91
8) 2-Chlorophenol	7.29	128	375116	42.87	ng		91
9) Benzaldehyde	6.96	77	59179	11.31	ng		98
10) Phenol	7.18	94	452409	43.70	ng		86
11) bis(2-Chloroethyl)ether	7.26	93	352306	42.05	ng		89
12) 1,3-Dichlorobenzene	7.51	146	377301	39.54	ng	#	93
13) 1,4-Dichlorobenzene	7.63	146	393875m	40.20	ng		
14) 1,2-Dichlorobenzene	7.87	146	374113	41.28	ng		100
15) Benzyl Alcohol	7.91	79	316707	45.82	ng		91
16) 2,2'-oxybis(1-Chloropropan	8.10	45	733391	38.90	ng		93
17) 2-Methylphenol	8.11	107	301807	43.04	ng	#	80
18) Hexachloroethane	8.39	117	145797	39.89	ng		95
19) n-Nitroso-di-n-propylamine	8.33	70	308945	43.70	ng	#	74
20) 3+4-Methylphenols	8.38	107	384305	45.34	ng	#	60
22) Acetophenone	8.30	105	540497	44.74	ng	#	98
24) Nitrobenzene	8.56	77	435066	41.08	ng		96
25) Isophorone	8.95	82	759650	42.22	ng		99
26) 2-Nitrophenol	9.06	139	190676	44.05	ng	#	79
27) 2,4-Dimethylphenol	9.20	122	335738	44.68	ng		89
28) bis(2-Chloroethoxy)methane	9.32	93	464939	45.87	ng		98
29) 2,4-Dichlorophenol	9.47	162	304577	44.97	ng		98
30) 1,2,4-Trichlorobenzene	9.56	180	330455	42.62	ng		96
31) Naphthalene	9.68	128	1078676	42.57	ng		99
32) Benzoic acid	9.52	122	149212	39.70	ng	#	77
33) 4-Chloroaniline	9.83	127	147714	15.83	ng	#	94
34) Hexachlorobutadiene	9.88	225	190717	40.47	ng		99
35) Caprolactam	10.43	113	92208m	46.65	ng		
36) 4-Chloro-3-methylphenol	10.68	107	346798	45.29	ng		93
37) 2-Methylnaphthalene	10.80	142	694632	43.88	ng		97
39) 1,2,4,5-Tetrachlorobenzene	11.07	216	304951	39.41	ng		98
40) Hexachlorocyclopentadiene	11.05	237	250821	78.92	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	11.30	196	180833	40.49	ng		96
43) 2,4,5-Trichlorophenol	11.38	196	195266	42.93	ng	#	90
45) 1,1'-Biphenyl	11.58	154	861376	42.32	ng		98
46) 2-Chloronaphthalene	11.59	162	637069	40.92	ng		93
47) 2-Nitroaniline	11.80	65	246904	44.01	ng	#	81
48) Acenaphthylene	12.25	152	1039259	42.16	ng		99
49) Dimethylphthalate	12.13	163	811116	41.89	ng		100
50) 2,6-Dinitrotoluene	12.22	165	166279	42.62	ng	#	83
51) Acenaphthene	12.53	154	627825	41.44	ng		97
52) 3-Nitroaniline	12.49	138	86643	21.64	ng	#	92
53) 2,4-Dinitrophenol	12.69	184	146373	73.85	ng		87
54) Dibenzofuran	12.82	168	940474	45.85	ng		99
55) 4-Nitrophenol	12.87	139	168769	88.35	ng	#	61
56) 2,4-Dinitrotoluene	12.88	165	228579	43.83	ng		90
57) Fluorene	13.37	166	741870	41.71	ng		99
58) 2,3,4,6-Tetrachlorophenol	13.05	232	172505	49.31	ng		99
59) Diethylphthalate	13.28	149	788418	41.88	ng		99
60) 4-Chlorophenyl-phenylether	13.39	204	355046	40.93	ng		97
61) 4-Nitroaniline	13.50	138	155992	41.74	ng	#	75
62) Azobenzene	13.66	77	923768	47.30	ng		87
64) 4,6-Dinitro-2-methylphenol	13.54	198	118788	41.67	ng	#	50
65) n-Nitrosodiphenylamine	13.61	169	624593	43.07	ng		99
66) 4-Bromophenyl-phenylether	14.18	248	205255	41.84	ng		97
67) Hexachlorobenzene	14.25	284	216444	42.19	ng	#	67
68) Atrazine	14.53	200	201126	43.51	ng		94
69) Pentachlorophenol	14.62	266	128314	80.44	ng		98
70) Phenanthrene	14.91	178	1065069	42.88	ng		100
71) Anthracene	15.01	178	1089847	43.44	ng		99
72) Carbazole	15.28	167	946644	44.24	ng		98
73) Di-n-butylphthalate	15.85	149	1188855	42.96	ng	#	98
74) Fluoranthene	16.66	202	1062165	42.65	ng		97
76) Benzidine	16.89	184	298469	31.69	ng		97
77) Pyrene	16.97	202	1100313	41.76	ng		99
79) Butylbenzylphthalate	17.87	149	483012	41.34	ng	#	74
80) Benzo(a)anthracene	18.55	228	898280	43.15	ng		99
81) 3,3'-Dichlorobenzidine	18.54	252	153489	13.35	ng	#	98
82) Chrysene	18.59	228	875597	42.38	ng		99
83) Bis(2-ethylhexyl)phthalate	18.62	149	710544	41.68	ng		97
84) Di-n-octyl phthalate	19.38	149	1148003	44.16	ng	#	87
85) Indeno(1,2,3-cd)pyrene	21.49	276	672817	40.62	ng		96
87) Benzo(b)fluoranthene	19.82	252	726565m	39.87	ng		
88) Benzo(k)fluoranthene	19.85	252	771619m	49.20	ng		
89) Benzo(a)pyrene	20.17	252	699152	44.36	ng	#	98
90) Dibenzo(a,h)anthracene	21.49	278	577943	42.99	ng		98
91) Benzo(g,h,i)perylene	21.85	276	566044	42.68	ng	#	92

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

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