Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042016\
Data File : BF086336.D
Acq On : 21 Apr 2016 4:21
Operator : UM/SJ
Sample : H2569-10MSD
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LCF-B2MSD

Manual Integrations APPROVED
sohil
4/21/2016 7:12:30 PM

Quant Time: Apr 21 05:51:15 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 20 15:45:26 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	215078	20.00	ng		-0.03
21) Naphthalene-d8	8.16	136	803963	20.00	ng		-0.02
38) Acenaphthene-d10	9.92	164	285670	20.00	ng		-0.02
63) Phenanthrene-d10	11.39	188	467362	20.00	ng		-0.02
75) Chrysene-d12	14.03	240	335526	20.00	ng		-0.02
86) Perylene-d12	15.46	264	244191	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.48	112	1731502	140.46	ng		0.00
7) Phenol-d6	6.51	99	2207804	136.86	ng		-0.01
23) Nitrobenzene-d5	7.44	82	1291704	92.02	ng		-0.02
41) 2,4,6-Tribromophenol	10.70	330	341222	153.25	ng		-0.02
44) 2-Fluorobiphenyl	9.23	172	1664308	122.15	ng		-0.03
78) Terphenyl-d14	12.98	244	1259823	89.38	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.54	88	290819	43.55	ng		97
3) Pyridine	3.28	79	837356	48.98	ng		98
4) n-Nitrosodimethylamine	3.22	42	328534	55.77	ng	#	73
6) Aniline	6.53	93	415933	19.16	ng	#	41
8) 2-Chlorophenol	6.66	128	692953	47.32	ng		88
9) Benzaldehyde	6.41	77	205163	17.94	ng		88
10) Phenol	6.52	94	723296	39.12	ng		77
11) bis(2-Chloroethyl)ether	6.61	93	720168	44.60	ng		94
12) 1,3-Dichlorobenzene	6.81	146	710542	44.23	ng		99
13) 1,4-Dichlorobenzene	6.89	146	761425	44.36	ng		99
14) 1,2-Dichlorobenzene	7.05	146	651733	42.80	ng		98
15) Benzyl Alcohol	7.01	79	487175	48.61	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.15	45	984315	43.32	ng		91
17) 2-Methylphenol	7.14	107	560218	45.78	ng		98
18) Hexachloroethane	7.38	117	130928	25.59	ng	#	88
19) n-Nitroso-di-n-propylamine	7.29	70	437356	44.76	ng	#	81
20) 3+4-Methylphenols	7.29	107	647786	48.80	ng	#	81
22) Acetophenone	7.29	105	916937	54.29	ng	#	90
24) Nitrobenzene	7.46	77	738456	49.17	ng		99
25) Isophorone	7.70	82	1360272	51.14	ng		98
26) 2-Nitrophenol	7.77	139	215797	32.12	ng	#	91
27) 2,4-Dimethylphenol	7.81	122	605800	45.98	ng		96
28) bis(2-Chloroethoxy)methane	7.90	93	851170	54.72	ng		99
29) 2,4-Dichlorophenol	8.02	162	533823	51.38	ng		94
30) 1,2,4-Trichlorobenzene	8.10	180	532206	47.48	ng		100
31) Naphthalene	8.18	128	1806439	47.14	ng		99
32) Benzoic acid	7.88	122	57186m	7.30	ng		
33) 4-Chloroaniline	8.22	127	221797	13.98	ng		97
34) Hexachlorobutadiene	8.29	225	254710	45.09	ng		98
35) Caprolactam	8.60	113	176006	52.31	ng		91
36) 4-Chloro-3-methylphenol	8.72	107	529327	45.31	ng		96
37) 2-Methylnaphthalene	8.88	142	1071354	45.27	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	419329	55.15	ng	#	96
40) Hexachlorocyclopentadiene	9.02	237	18394	11.53	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	283318	53.71	ng		98
43) 2,4,5-Trichlorophenol	9.20	196	308403	53.68	ng	#	95
45) 1,1'-Biphenyl	9.33	154	1184728	52.81	ng		98
46) 2-Chloronaphthalene	9.36	162	897198	52.77	ng		100
47) 2-Nitroaniline	9.46	65	370581	64.14	ng	#	74
48) Acenaphthylene	9.77	152	1405947	52.96	ng		99
49) Dimethylphthalate	9.63	163	1494531	68.71	ng		99
50) 2,6-Dinitrotoluene	9.70	165	200979	44.91	ng		98
51) Acenaphthene	9.95	154	808073	51.89	ng		99
52) 3-Nitroaniline	9.87	138	321353	56.46	ng		80
53) 2,4-Dinitrophenol	9.97	184	552	7.18	ng	#	1
54) Dibenzofuran	10.12	168	1172768	55.38	ng		98
55) 4-Nitrophenol	10.03	139	311785	88.35	ng		89
56) 2,4-Dinitrotoluene	10.10	165	207951	37.38	ng	#	86
57) Fluorene	10.46	166	790160	50.36	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.24	232	229113	59.44	ng		94
59) Diethylphthalate	10.34	149	1095919	51.64	ng		97
60) 4-Chlorophenyl-phenylether	10.45	204	380447	52.35	ng		95
61) 4-Nitroaniline	10.48	138	309531	58.10	ng		90
62) Azobenzene	10.61	77	1051961	50.28	ng		92
64) 4,6-Dinitro-2-methylphenol	10.51	198	2162	7.34	ng	#	38
65) n-Nitrosodiphenylamine	10.57	169	768393	49.90	ng		99
66) 4-Bromophenyl-phenylether	10.94	248	227987	45.40	ng		94
67) Hexachlorobenzene	11.00	284	231017	45.84	ng		92
68) Atrazine	11.09	200	169081	35.73	ng		99
69) Pentachlorophenol	11.20	266	262044	99.25	ng		96
70) Phenanthrene	11.41	178	1130224	51.03	ng		99
71) Anthracene	11.47	178	1222732	51.55	ng		98
72) Carbazole	11.63	167	1258972	56.09	ng		97
73) Di-n-butylphthalate	11.96	149	1537893	53.22	ng	#	98
74) Fluoranthene	12.60	202	1140446	55.54	ng		99
76) Benzidine	12.73	184	770876	52.04	ng		95
77) Pyrene	12.83	202	1132338	45.49	ng		98
79) Butylbenzylphthalate	13.45	149	617447	46.99	ng	#	77
80) Benzo(a)anthracene	14.02	228	845901	47.86	ng		100
81) 3,3'-Dichlorobenzidine	13.99	252	321140	26.27	ng	#	97
82) Chrysene	14.05	228	796504	41.69	ng		99
83) Bis(2-ethylhexyl)phthalate	14.01	149	776029	50.44	ng	#	97
84) Di-n-octyl phthalate	14.63	149	1487551	53.65	ng		99
85) Indeno(1,2,3-cd)pyrene	16.87	276	668822	34.05	ng		97
87) Benzo(b)fluoranthene	15.05	252	680248m	48.16	ng		
88) Benzo(k)fluoranthene	15.08	252	711053m	59.80	ng		
89) Benzo(a)pyrene	15.40	252	649724	49.91	ng		99
90) Dibenzo(a,h)anthracene	16.89	278	572771	50.40	ng		99
91) Benzo(g,h,i)perylene	17.29	276	555602	50.99	ng		95

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

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