Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050616\
Data File : BF086763.D
Acq On : 7 May 2016 9:58
Operator : UM/SJ
Sample : PB90333BS
Misc :
ALS Vial : 36 Sample Multiplier: 1

Quant Time: May 07 23:27:39 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 04 15:12:53 2016
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB90333BS

Manual Integrations APPROVED
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5/9/2016 7:17:35 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	170243	40.00	ng		-0.03
21) Naphthalene-d8	8.00	136	693837	40.00	ng		-0.03
38) Acenaphthene-d10	9.74	164	332359	40.00	ng		-0.03
63) Phenanthrene-d10	11.22	188	555452	40.00	ng		-0.03
75) Chrysene-d12	13.85	240	381535	40.00	ng		-0.03
86) Perylene-d12	15.23	264	333262	40.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	1287917	125.24	ng		0.00
7) Phenol-d6	6.37	99	1637861	118.24	ng		0.00
23) Nitrobenzene-d5	7.28	82	1039630	77.00	ng		-0.03
41) 2,4,6-Tribromophenol	10.53	330	382469	117.64	ng		-0.03
44) 2-Fluorobiphenyl	9.07	172	1645222	81.14	ng		-0.03
78) Terphenyl-d14	12.81	244	1632337	86.47	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	2.32	88	165107	31.06	ng	#	72
3) Pyridine	3.02	79	408561	31.35	ng	#	63
4) n-Nitrosodimethylamine	2.94	42	323455	40.92	ng	#	48
6) Aniline	6.37	93	424863	24.85	ng	#	27
8) 2-Chlorophenol	6.50	128	483653	39.19	ng		98
9) Benzaldehyde	6.26	77	46691	6.76	ng		94
10) Phenol	6.38	94	633487	41.80	ng		79
11) bis(2-Chloroethyl)ether	6.45	93	529262	40.58	ng		91
12) 1,3-Dichlorobenzene	6.65	146	495080	37.78	ng		98
13) 1,4-Dichlorobenzene	6.72	146	498132m	36.77	ng		
14) 1,2-Dichlorobenzene	6.88	146	470429	39.88	ng		99
15) Benzyl Alcohol	6.86	79	393979	43.96	ng	#	86
16) 2,2'-oxybis(1-Chloropropan	6.99	45	989528	37.10	ng		62
17) 2-Methylphenol	6.99	107	399951	40.25	ng	#	83
18) Hexachloroethane	7.21	117	198515	38.81	ng		95
19) n-Nitroso-di-n-propylamine	7.14	70	395659	41.80	ng	#	78
20) 3+4-Methylphenols	7.14	107	503206	43.25	ng	#	72
22) Acetophenone	7.13	105	680112	42.07	ng		99
24) Nitrobenzene	7.30	77	592799	42.47	ng		96
25) Isophorone	7.54	82	999577	39.75	ng		99
26) 2-Nitrophenol	7.62	139	260196	41.78	ng		97
27) 2,4-Dimethylphenol	7.66	122	428023	39.13	ng		89
28) bis(2-Chloroethoxy)methane	7.76	93	624494	45.12	ng		98
29) 2,4-Dichlorophenol	7.86	162	391550	41.64	ng		95
30) 1,2,4-Trichlorobenzene	7.94	180	438163	41.77	ng		98
31) Naphthalene	8.02	128	1390880	39.24	ng		100
32) Benzoic acid	7.82	122	294705	65.38	ng	#	84
33) 4-Chloroaniline	8.08	127	210429	15.32	ng		96
34) Hexachlorobutadiene	8.13	225	251590	42.24	ng		98
35) Caprolactam	8.46	113	123082m	42.29	ng		
36) 4-Chloro-3-methylphenol	8.58	107	472585	44.05	ng		99
37) 2-Methylnaphthalene	8.70	142	929165	44.43	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	383679	39.88	ng		98
40) Hexachlorocyclopentadiene	8.85	237	444416	98.68	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.99	196	266109	43.50	ng		95
43) 2,4,5-Trichlorophenol	9.04	196	271009	42.40	ng	#	80
45) 1,1'-Biphenyl	9.17	154	1176785	43.31	ng		98
46) 2-Chloronaphthalene	9.20	162	868339	41.41	ng		99
47) 2-Nitroaniline	9.30	65	299061	40.12	ng	#	75
48) Acenaphthylene	9.61	152	1346467	43.26	ng		99
49) Dimethylphthalate	9.48	163	985679	39.78	ng		100
50) 2,6-Dinitrotoluene	9.54	165	200899	37.78	ng	#	72
51) Acenaphthene	9.78	154	844869	41.15	ng		98
52) 3-Nitroaniline	9.71	138	147977	24.48	ng	#	76
53) 2,4-Dinitrophenol	9.82	184	265078	102.63	ng		88
54) Dibenzofuran	9.95	168	1118658	43.95	ng		95
55) 4-Nitrophenol	9.90	139	249586	70.82	ng		94
56) 2,4-Dinitrotoluene	9.95	165	275082	41.75	ng	#	85
57) Fluorene	10.29	166	940190	45.58	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.08	232	243829	51.95	ng		98
59) Diethylphthalate	10.18	149	967962	41.28	ng		98
60) 4-Chlorophenyl-phenylether	10.28	204	379523	38.70	ng		99
61) 4-Nitroaniline	10.33	138	216361	37.25	ng	#	66
62) Azobenzene	10.44	77	1136800	43.75	ng		87
64) 4,6-Dinitro-2-methylphenol	10.35	198	157253	53.71	ng	#	46
65) n-Nitrosodiphenylamine	10.41	169	740665	42.00	ng		99
66) 4-Bromophenyl-phenylether	10.77	248	258517	46.83	ng		91
67) Hexachlorobenzene	10.83	284	278378	41.36	ng	#	70
68) Atrazine	10.94	200	277010	51.25	ng		94
69) Pentachlorophenol	11.04	266	324945	98.06	ng		97
70) Phenanthrene	11.24	178	1231315	41.27	ng		99
71) Anthracene	11.30	178	1355737	43.39	ng		99
72) Carbazole	11.46	167	1123750	41.42	ng		99
73) Di-n-butylphthalate	11.79	149	1376132	42.72	ng	#	98
74) Fluoranthene	12.43	202	1354723	45.31	ng		94
76) Benzidine	12.57	184	181606	21.90	ng		96
77) Pyrene	12.66	202	1316379	43.28	ng		100
79) Butylbenzylphthalate	13.28	149	576497	45.25	ng	#	62
80) Benzo(a)anthracene	13.84	228	934384	43.30	ng		99
81) 3,3'-Dichlorobenzidine	13.81	252	198051	14.61	ng	#	95
82) Chrysene	13.87	228	984035	42.75	ng		99
83) Bis(2-ethylhexyl)phthalate	13.84	149	726713	49.29	ng	#	94
84) Di-n-octyl phthalate	14.45	149	1364086	62.88	ng	#	85
85) Indeno(1,2,3-cd)pyrene	16.52	276	800524	40.53	ng		95
87) Benzo(b)fluoranthene	14.84	252	1155044m	57.68	ng		
88) Benzo(k)fluoranthene	14.88	252	624231m	33.08	ng		
89) Benzo(a)pyrene	15.17	252	806841	43.74	ng		99
90) Dibenzo(a,h)anthracene	16.53	278	674669	38.08	ng		97
91) Benzo(g,h,i)perylene	16.91	276	659351	35.44	ng		95

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

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