Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021017\
Data File : BF092887.D
Acq On : 10 Feb 2017 17:12
Operator : SJ/MA
Sample : PB96842BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB96842BS

Manual Integrations APPROVED
mohammad
2/13/2017 12:41:02 PM

Quant Time: Feb 10 23:41:46 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 10 23:31:14 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	170748	20.00	ng		0.00
21) Naphthalene-d8	8.18	136	688085	20.00	ng		-0.01
38) Acenaphthene-d10	9.94	164	379729	20.00	ng		0.00
63) Phenanthrene-d10	11.43	188	612344	20.00	ng		0.00
75) Chrysene-d12	14.07	240	517760	20.00	ng		0.00
86) Perylene-d12	15.51	264	412685	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	1218277	122.41	ng		0.01
7) Phenol-d6	6.54	99	1681643	131.32	ng		0.01
23) Nitrobenzene-d5	7.47	82	1089209	88.15	ng		0.00
41) 2,4,6-Tribromophenol	10.74	330	388235	141.36	ng		0.00
44) 2-Fluorobiphenyl	9.26	172	1860816	88.78	ng		0.00
78) Terphenyl-d14	13.01	244	1686079	76.52	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.58	88	179752	33.42	ng	#	86
3) Pyridine	3.31	79	461918	33.78	ng		89
4) n-Nitrosodimethylamine	3.28	42	269530	41.98	ng		88
6) Aniline	6.56	93	362058	20.73	ng	#	34
8) 2-Chlorophenol	6.68	128	468840	42.70	ng		94
9) Benzaldehyde	6.44	77	163876	17.86	ng		99
10) Phenol	6.56	94	708649	47.30	ng	#	78
11) bis(2-Chloroethyl)ether	6.64	93	515856	43.14	ng		97
12) 1,3-Dichlorobenzene	6.83	146	518111m	40.29	ng		
13) 1,4-Dichlorobenzene	6.91	146	546500	41.99	ng		97
14) 1,2-Dichlorobenzene	7.07	146	527515	42.38	ng		95
15) Benzyl Alcohol	7.05	79	430868	45.45	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.17	45	884279	42.56	ng		96
17) 2-Methylphenol	7.16	107	430724	45.73	ng		97
18) Hexachloroethane	7.41	117	188841	42.50	ng	#	85
19) n-Nitroso-di-n-propylamine	7.32	70	366828	45.00	ng	#	94
20) 3+4-Methylphenols	7.31	107	484000	42.98	ng	#	78
22) Acetophenone	7.31	105	634069	40.36	ng	#	93
24) Nitrobenzene	7.48	77	500398	39.44	ng		99
25) Isophorone	7.72	82	1002617	43.54	ng		97
26) 2-Nitrophenol	7.80	139	294029	48.75	ng		93
27) 2,4-Dimethylphenol	7.85	122	493041	46.55	ng		94
28) bis(2-Chloroethoxy)methane	7.94	93	676651	44.37	ng		99
29) 2,4-Dichlorophenol	8.04	162	432836	43.82	ng		88
30) 1,2,4-Trichlorobenzene	8.12	180	445614	41.86	ng		94
31) Naphthalene	8.20	128	1362889	39.07	ng		99
32) Benzoic acid	7.98	122	271001	45.58	ng		97
33) 4-Chloroaniline	8.26	127	153872	11.25	ng		97
34) Hexachlorobutadiene	8.33	225	242606	41.42	ng		98
35) Caprolactam	8.64	113	145950m	46.97	ng		
36) 4-Chloro-3-methylphenol	8.75	107	464252	45.08	ng		98
37) 2-Methylnaphthalene	8.90	142	973093	43.45	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.07	216	428687	40.22	ng		99
40) Hexachlorocyclopentadiene	9.05	237	374474	77.87	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.18	196	327325	46.73	ng		93
43) 2,4,5-Trichlorophenol	9.22	196	326423	42.54	ng		96
45) 1,1'-Biphenyl	9.37	154	1207394	43.91	ng		99
46) 2-Chloronaphthalene	9.39	162	964260	44.83	ng		99
47) 2-Nitroaniline	9.48	65	285551	39.48	ng		95
48) Acenaphthylene	9.80	152	1394658	37.53	ng		99
49) Dimethylphthalate	9.66	163	1100326	43.02	ng		98
50) 2,6-Dinitrotoluene	9.73	165	269810	48.85	ng		91
51) Acenaphthene	9.97	154	929047	41.82	ng		96
52) 3-Nitroaniline	9.89	138	110453	17.47	ng		97
53) 2,4-Dinitrophenol	10.01	184	202385	72.50	ng	#	69
54) Dibenzofuran	10.14	168	1201564	40.44	ng		98
55) 4-Nitrophenol	10.08	139	380093	83.48	ng		90
56) 2,4-Dinitrotoluene	10.13	165	292839	39.82	ng		98
57) Fluorene	10.49	166	903013	39.50	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.27	232	257771	50.35	ng		95
59) Diethylphthalate	10.36	149	1003485	41.63	ng		99
60) 4-Chlorophenyl-phenylether	10.48	204	419520	38.20	ng		97
61) 4-Nitroaniline	10.52	138	266630	41.18	ng		83
62) Azobenzene	10.64	77	1131894	45.45	ng		97
64) 4,6-Dinitro-2-methylphenol	10.54	198	165175	44.52	ng		76
65) n-Nitrosodiphenylamine	10.60	169	827359	42.30	ng		100
66) 4-Bromophenyl-phenylether	10.97	248	263933	41.26	ng		98
67) Hexachlorobenzene	11.04	284	273049	43.19	ng	#	94
68) Atrazine	11.13	200	252313	40.19	ng		99
69) Pentachlorophenol	11.23	266	286122	86.98	ng		96
70) Phenanthrene	11.45	178	1344844	38.33	ng		99
71) Anthracene	11.51	178	1551346	44.03	ng		98
72) Carbazole	11.65	167	1292207	38.37	ng		99
73) Di-n-butylphthalate	11.99	149	1600054	43.93	ng	#	98
74) Fluoranthene	12.64	202	1384753	38.27	ng		98
76) Benzidine	12.76	184	431703	19.57	ng		96
77) Pyrene	12.87	202	1382464	35.68	ng		99
79) Butylbenzylphthalate	13.48	149	674646	42.88	ng		91
80) Benzo(a)anthracene	14.05	228	1210875	38.24	ng		100
81) 3,3'-Dichlorobenzidine	14.02	252	312576	27.69	ng	#	95
82) Chrysene	14.09	228	988785	33.35	ng		100
83) Bis(2-ethylhexyl)phthalate	14.04	149	950774	44.18	ng	#	96
84) Di-n-octyl phthalate	14.65	149	1529915	43.66	ng		100
85) Indeno(1,2,3-cd)pyrene	16.95	276	1020225	44.42	ng		95
87) Benzo(b)fluoranthene	15.09	252	1145610	42.18	ng		99
88) Benzo(k)fluoranthene	15.13	252	1052925m	44.90	ng		
89) Benzo(a)pyrene	15.45	252	1032815	43.96	ng		98
90) Dibenzo(a,h)anthracene	16.97	278	853500	44.95	ng		97
91) Benzo(g,h,i)perylene	17.38	276	853600	44.50	ng	#	90

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

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