Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF103015\
Data File : BF082597.D
Acq On : 31 Oct 2015 3:28
Operator : UM/IZ
Sample : PB86326BSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB86326BSD

Manual Integrations APPROVED
Mmdadoda
11/2/2015 4:32:14 PM

Quant Time: Oct 31 04:15:32 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 31 00:17:39 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	199024	20.00	ng		-0.01
21) Naphthalene-d8	8.19	136	778938	20.00	ng		0.00
38) Acenaphthene-d10	9.95	164	428137	20.00	ng		0.00
63) Phenanthrene-d10	11.44	188	786897	20.00	ng		0.00
75) Chrysene-d12	14.08	240	603358	20.00	ng		0.00
86) Perylene-d12	15.53	264	452384	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	1118811	84.67	ng		0.01
7) Phenol-d6	6.53	99	1413135	80.50	ng		0.00
23) Nitrobenzene-d5	7.47	82	1546768	81.09	ng		0.00
41) 2,4,6-Tribromophenol	10.74	330	363780	77.64	ng		0.00
44) 2-Fluorobiphenyl	9.28	172	2374266	78.74	ng		0.00
78) Terphenyl-d14	13.02	244	2097306	76.07	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.62	88	199321	32.63	ng		90
3) Pyridine	3.36	79	554684	30.97	ng		96
4) n-Nitrosodimethylamine	3.30	42	370868	36.78	ng		97
6) Aniline	6.57	93	648610	26.54	ng		98
8) 2-Chlorophenol	6.69	128	578181	40.44	ng		99
9) Benzaldehyde	6.44	77	244610	20.41	ng		97
10) Phenol	6.54	94	733949	36.90	ng		99
11) bis(2-Chloroethyl)ether	6.64	93	537564	36.63	ng		97
12) 1,3-Dichlorobenzene	6.84	146	589599	36.16	ng		99
13) 1,4-Dichlorobenzene	6.92	146	641212	39.66	ng		98
14) 1,2-Dichlorobenzene	7.08	146	588542	39.21	ng		97
15) Benzyl Alcohol	7.05	79	682820	41.71	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.18	45	957585	41.06	ng		98
17) 2-Methylphenol	7.16	107	509531	41.91	ng		96
18) Hexachloroethane	7.42	117	252002	39.94	ng		93
19) n-Nitroso-di-n-propylamine	7.32	70	490018	36.82	ng		98
20) 3+4-Methylphenols	7.31	107	590889	37.40	ng		94
22) Acetophenone	7.31	105	894012	38.98	ng	#	78
24) Nitrobenzene	7.48	77	710878	36.87	ng	#	85
25) Isophorone	7.73	82	1345256	38.33	ng		100
26) 2-Nitrophenol	7.80	139	266205	37.80	ng		96
27) 2,4-Dimethylphenol	7.85	122	546064	39.72	ng		98
28) bis(2-Chloroethoxy)methane	7.94	93	722169	37.62	ng		98
29) 2,4-Dichlorophenol	8.05	162	513148	40.95	ng		98
30) 1,2,4-Trichlorobenzene	8.13	180	517080	37.18	ng		99
31) Naphthalene	8.21	128	1517429	36.00	ng		100
32) Benzoic acid	7.97	122	389625	39.06	ng		99
33) 4-Chloroaniline	8.26	127	310785	17.27	ng	#	92
34) Hexachlorobutadiene	8.34	225	343042	38.78	ng		99
35) Caprolactam	8.64	113	165978m	43.17	ng		
36) 4-Chloro-3-methylphenol	8.75	107	618724	41.93	ng	#	83
37) 2-Methylnaphthalene	8.91	142	1156994	42.36	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.08	216	554836	38.84	ng		98
40) Hexachlorocyclopentadiene	9.07	237	755657	84.13	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.18	196	413858	40.12	ng		99
43) 2,4,5-Trichlorophenol	9.22	196	354336	34.47	ng		96
45) 1,1'-Biphenyl	9.38	154	1392908	38.52	ng		99
46) 2-Chloronaphthalene	9.40	162	1091543	38.65	ng		98
47) 2-Nitroaniline	9.48	65	386428	35.20	ng		96
48) Acenaphthylene	9.81	152	1710425	37.87	ng		99
49) Dimethylphthalate	9.68	163	1223725	35.00	ng		99
50) 2,6-Dinitrotoluene	9.73	165	303526	41.88	ng		99
51) Acenaphthene	9.98	154	1204093	41.99	ng		99
52) 3-Nitroaniline	9.89	138	162168	20.11	ng		96
53) 2,4-Dinitrophenol	10.01	184	316419	81.79	ng	#	10
54) Dibenzofuran	10.16	168	1400250	35.99	ng		98
55) 4-Nitrophenol	10.05	139	479545	79.05	ng	#	64
56) 2,4-Dinitrotoluene	10.13	165	358226	36.55	ng	#	86
57) Fluorene	10.50	166	1151609	36.69	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.27	232	327676	37.72	ng		97
59) Diethylphthalate	10.38	149	1416558	39.79	ng		98
60) 4-Chlorophenyl-phenylether	10.50	204	599152	39.28	ng		95
61) 4-Nitroaniline	10.51	138	254632	33.09	ng		96
62) Azobenzene	10.65	77	1614598	40.22	ng		84
64) 4,6-Dinitro-2-methylphenol	10.54	198	222995	46.99	ng		95
65) n-Nitrosodiphenylamine	10.61	169	1119582	41.39	ng		100
66) 4-Bromophenyl-phenylether	10.98	248	343663	38.54	ng	#	62
67) Hexachlorobenzene	11.05	284	385396	38.98	ng		91
68) Atrazine	11.14	200	336647	38.04	ng		99
69) Pentachlorophenol	11.24	266	529079	81.15	ng		100
70) Phenanthrene	11.46	178	1649199	37.16	ng		100
71) Anthracene	11.52	178	1927544	43.13	ng		99
72) Carbazole	11.66	167	1665753	42.79	ng		100
73) Di-n-butylphthalate	12.01	149	2128434	42.95	ng		100
74) Fluoranthene	12.65	202	1685749	37.15	ng		99
76) Benzidine	12.76	184	581923	21.39	ng		100
77) Pyrene	12.88	202	1718775	38.47	ng		100
79) Butylbenzylphthalate	13.50	149	861317	44.01	ng		97
80) Benzo(a)anthracene	14.07	228	1470536	38.37	ng		100
81) 3,3'-Dichlorobenzidine	14.03	252	278622	21.10	ng	#	97
82) Chrysene	14.10	228	1252334	36.05	ng		100
83) Bis(2-ethylhexyl)phthalate	14.08	149	1139765	44.93	ng	#	98
84) Di-n-octyl phthalate	14.68	149	1590183	40.19	ng		99
85) Indeno(1,2,3-cd)pyrene	16.96	276	1103982	38.51	ng		99
87) Benzo(b)fluoranthene	15.11	252	1293374	41.46	ng	#	98
88) Benzo(k)fluoranthene	15.14	252	865470m	36.42	ng		
89) Benzo(a)pyrene	15.47	252	1018124	41.44	ng	#	97
90) Dibenzo(a,h)anthracene	16.98	278	931452	40.63	ng		99
91) Benzo(g,h,i)perylene	17.39	276	914646	41.17	ng		99

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

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