Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101015\
Data File : BF082176.D
Acq On : 10 Oct 2015 15:04
Operator : UM/IZ
Sample : PB86050BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB86050BS

Manual Integrations APPROVED
MMDadoda
10/12/2015 2:32:42 PM

Quant Time: Oct 12 02:22:55 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 12 01:46:21 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	83289	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	335386	20.00	ng		0.00
38) Acenaphthene-d10	9.89	164	168854	20.00	ng		0.00
63) Phenanthrene-d10	11.37	188	321556	20.00	ng		0.00
75) Chrysene-d12	14.01	240	304194	20.00	ng		0.00
86) Perylene-d12	15.44	264	252583	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	449873	109.01	ng		0.01
7) Phenol-d6	6.48	99	643924	119.90	ng		0.00
23) Nitrobenzene-d5	7.41	82	370995	74.29	ng		-0.01
41) 2,4,6-Tribromophenol	10.67	330	173306	109.44	ng		0.00
44) 2-Fluorobiphenyl	9.21	172	818671	80.40	ng		0.00
78) Terphenyl-d14	12.96	244	876921	76.39	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.51	88	61158	29.50	ng	#	95
3) Pyridine	3.23	79	166348	34.49	ng		95
4) n-Nitrosodimethylamine	3.19	42	66011	32.27	ng	#	97
6) Aniline	6.50	93	146724	21.19	ng		100
8) 2-Chlorophenol	6.62	128	172175	34.18	ng	#	76
9) Benzaldehyde	6.39	77	85428	31.15	ng		91
10) Phenol	6.49	94	232437	37.54	ng		91
11) bis(2-Chloroethyl)ether	6.58	93	180139	34.40	ng		94
12) 1,3-Dichlorobenzene	6.78	146	207575	35.38	ng		98
13) 1,4-Dichlorobenzene	6.86	146	214489	35.01	ng		98
14) 1,2-Dichlorobenzene	7.01	146	200357	34.44	ng		96
15) Benzyl Alcohol	6.98	79	133757	36.08	ng		100
16) 2,2'-oxybis(1-Chloropropan	7.12	45	251797	34.53	ng		100
17) 2-Methylphenol	7.10	107	140901	35.37	ng		98
18) Hexachloroethane	7.35	117	72710	34.67	ng		94
19) n-Nitroso-di-n-propylamine	7.26	70	127331	33.76	ng		91
20) 3+4-Methylphenols	7.26	107	180155	37.95	ng		92
22) Acetophenone	7.26	105	241878	36.46	ng	#	94
24) Nitrobenzene	7.43	77	188636	34.89	ng		90
25) Isophorone	7.67	82	348390	34.56	ng		96
26) 2-Nitrophenol	7.75	139	97465	36.11	ng		92
27) 2,4-Dimethylphenol	7.78	122	166041	38.18	ng		99
28) bis(2-Chloroethoxy)methane	7.87	93	212036	36.15	ng		98
29) 2,4-Dichlorophenol	7.99	162	173414	39.89	ng		97
30) 1,2,4-Trichlorobenzene	8.07	180	178780	35.68	ng		98
31) Naphthalene	8.15	128	538956	37.07	ng		100
32) Benzoic acid	7.91	122	100398	34.40	ng		98
33) 4-Chloroaniline	8.21	127	77590	12.85	ng		96
34) Hexachlorobutadiene	8.26	225	110708	35.46	ng		98
35) Caprolactam	8.57	113	47998m	38.04	ng		
36) 4-Chloro-3-methylphenol	8.69	107	159260	37.46	ng		98
37) 2-Methylnaphthalene	8.85	142	357224	35.44	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	180621	35.96	ng		98
40) Hexachlorocyclopentadiene	8.99	237	185728	73.80	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	117258	35.15	ng		99
43) 2,4,5-Trichlorophenol	9.17	196	128871	35.66	ng		97
45) 1,1'-Biphenyl	9.30	154	442455	34.36	ng		98
46) 2-Chloronaphthalene	9.33	162	352753	34.80	ng	#	93
47) 2-Nitroaniline	9.43	65	99119	35.62	ng		99
48) Acenaphthylene	9.75	152	589229	37.32	ng		99
49) Dimethylphthalate	9.61	163	443064	37.26	ng		99
50) 2,6-Dinitrotoluene	9.68	165	91849	36.61	ng	#	80
51) Acenaphthene	9.92	154	342721	36.15	ng		99
52) 3-Nitroaniline	9.84	138	46752	16.50	ng	#	79
53) 2,4-Dinitrophenol	9.95	184	108109	77.34	ng		99
54) Dibenzofuran	10.09	168	517542	39.77	ng		99
55) 4-Nitrophenol	10.01	139	127053	68.77	ng		92
56) 2,4-Dinitrotoluene	10.08	165	132780	42.34	ng		89
57) Fluorene	10.43	166	415788	38.90	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.21	232	107974	36.57	ng		100
59) Diethylphthalate	10.31	149	422334	38.11	ng		100
60) 4-Chlorophenyl-phenylether	10.42	204	184720	37.73	ng		97
61) 4-Nitroaniline	10.46	138	91122	33.15	ng		92
62) Azobenzene	10.58	77	400976	36.97	ng		98
64) 4,6-Dinitro-2-methylphenol	10.49	198	63838	35.38	ng		83
65) n-Nitrosodiphenylamine	10.55	169	367065	38.13	ng		100
66) 4-Bromophenyl-phenylether	10.91	248	120113	37.32	ng		96
67) Hexachlorobenzene	10.97	284	121259	34.84	ng	#	61
68) Atrazine	11.07	200	116569	38.22	ng		99
69) Pentachlorophenol	11.18	266	140437	78.42	ng		97
70) Phenanthrene	11.39	178	591203	37.51	ng		100
71) Anthracene	11.44	178	636360	39.18	ng		99
72) Carbazole	11.60	167	525791	35.49	ng		99
73) Di-n-butylphthalate	11.93	149	686933	37.58	ng		99
74) Fluoranthene	12.58	202	654593	38.67	ng		99
76) Benzidine	12.71	184	265302	30.10	ng		98
77) Pyrene	12.81	202	655700	36.32	ng		99
79) Butylbenzylphthalate	13.43	149	285432	34.65	ng		99
80) Benzo(a)anthracene	14.00	228	585640	37.00	ng		100
81) 3,3'-Dichlorobenzidine	13.97	252	128345	21.36	ng	#	96
82) Chrysene	14.04	228	510324	30.60	ng		99
83) Bis(2-ethylhexyl)phthalate	13.99	149	422306	35.93	ng		100
84) Di-n-octyl phthalate	14.60	149	694355	34.40	ng		100
85) Indeno(1,2,3-cd)pyrene	16.86	276	473473	35.72	ng		99
87) Benzo(b)fluoranthene	15.03	252	492539m	32.05	ng		
88) Benzo(k)fluoranthene	15.06	252	548423m	42.46	ng		
89) Benzo(a)pyrene	15.38	252	487355	36.90	ng		100
90) Dibenzo(a,h)anthracene	16.87	278	399208	36.89	ng		98
91) Benzo(g,h,i)perylene	17.28	276	380623	36.20	ng		99

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

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