Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102215\
Data File : BF082448.D
Acq On : 22 Oct 2015 16:43
Operator : UM/IZ
Sample : PB86203BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB86203BS

Manual Integrations APPROVED
mmdadoda
10/23/2015 4:45:10 PM

Quant Time: Oct 23 01:31:01 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 23 01:26:32 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	102533m	20.00	ng		0.00
21) Naphthalene-d8	8.06	136	413098	20.00	ng		0.00
38) Acenaphthene-d10	9.81	164	207350	20.00	ng		-0.01
63) Phenanthrene-d10	11.30	188	425734	20.00	ng		0.00
75) Chrysene-d12	14.04	240	394925	20.00	ng		0.03
86) Perylene-d12	15.60	264	352643	20.00	ng		0.07
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	360357	70.93	ng		0.01
7) Phenol-d6	6.41	99	438411	66.31	ng		-0.01
23) Nitrobenzene-d5	7.34	82	424423	69.00	ng		-0.01
41) 2,4,6-Tribromophenol	10.61	330	116587	59.96	ng		0.00
44) 2-Fluorobiphenyl	9.13	172	825959	66.06	ng		-0.01
78) Terphenyl-d14	12.90	244	914351	61.35	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.39	88	68843	26.97	ng		94
3) Pyridine	3.07	79	193803	32.64	ng		99
4) n-Nitrosodimethylamine	3.04	42	82780	32.88	ng		98
6) Aniline	6.42	93	125484m	14.72	ng		
8) 2-Chlorophenol	6.55	128	208704	33.65	ng		90
9) Benzaldehyde	6.31	77	85159	25.22	ng		99
10) Phenol	6.42	94	225701m	29.61	ng		
11) bis(2-Chloroethyl)ether	6.50	93	186377	28.91	ng		98
12) 1,3-Dichlorobenzene	6.70	146	227452m	31.49	ng		
13) 1,4-Dichlorobenzene	6.78	146	239336	31.73	ng		98
14) 1,2-Dichlorobenzene	6.93	146	216272	30.20	ng		99
15) Benzyl Alcohol	6.91	79	160854	35.24	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.05	45	287005	31.97	ng		90
17) 2-Methylphenol	7.04	107	163887	33.42	ng		94
18) Hexachloroethane	7.27	117	79925	30.96	ng		99
19) n-Nitroso-di-n-propylamine	7.19	70	142494	30.69	ng		97
20) 3+4-Methylphenols	7.20	107	207693	35.54	ng	#	57
22) Acetophenone	7.18	105	266708	32.64	ng	#	90
24) Nitrobenzene	7.35	77	197945	29.73	ng		100
25) Isophorone	7.59	82	378856	30.52	ng		98
26) 2-Nitrophenol	7.67	139	105034	31.59	ng	#	83
27) 2,4-Dimethylphenol	7.71	122	178678	33.36	ng		97
28) bis(2-Chloroethoxy)methane	7.81	93	226552	31.36	ng		96
29) 2,4-Dichlorophenol	7.92	162	192277	35.91	ng		98
30) 1,2,4-Trichlorobenzene	8.00	180	187080	30.31	ng		97
31) Naphthalene	8.07	128	564928	31.55	ng		100
32) Benzoic acid	7.85	122	100260	27.89	ng		97
33) 4-Chloroaniline	8.14	127	89317	12.01	ng		95
34) Hexachlorobutadiene	8.18	225	109197	28.39	ng		97
35) Caprolactam	8.50	113	55747	35.87	ng	#	71
36) 4-Chloro-3-methylphenol	8.63	107	185455	35.42	ng		99
37) 2-Methylnaphthalene	8.77	142	400334	32.25	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.94	216	206758	33.52	ng		96
40) Hexachlorocyclopentadiene	8.91	237	136835	47.60	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.05	196	125125	30.55	ng		99
43) 2,4,5-Trichlorophenol	9.10	196	142560	32.13	ng	#	91
45) 1,1'-Biphenyl	9.23	154	514949	32.57	ng		98
46) 2-Chloronaphthalene	9.26	162	393418	31.61	ng		95
47) 2-Nitroaniline	9.36	65	111737	32.70	ng		100
48) Acenaphthylene	9.67	152	601884	31.04	ng		99
49) Dimethylphthalate	9.54	163	493451	33.80	ng		99
50) 2,6-Dinitrotoluene	9.61	165	107176	34.79	ng	#	84
51) Acenaphthene	9.84	154	352082	30.25	ng		100
52) 3-Nitroaniline	9.77	138	50070	14.39	ng	#	77
53) 2,4-Dinitrophenol	9.89	184	87792	53.31	ng	#	74
54) Dibenzofuran	10.02	168	557854	34.91	ng		95
55) 4-Nitrophenol	9.97	139	127625	59.23	ng		93
56) 2,4-Dinitrotoluene	10.01	165	142418	36.99	ng		91
57) Fluorene	10.37	166	439033	33.45	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.14	232	114413	31.56	ng		99
59) Diethylphthalate	10.24	149	484077	35.57	ng		100
60) 4-Chlorophenyl-phenylether	10.35	204	219846	36.56	ng		91
61) 4-Nitroaniline	10.40	138	107057	31.72	ng		92
62) Azobenzene	10.51	77	474852	35.65	ng		94
64) 4,6-Dinitro-2-methylphenol	10.42	198	76642	32.08	ng		94
65) n-Nitrosodiphenylamine	10.48	169	412555	32.37	ng		99
66) 4-Bromophenyl-phenylether	10.85	248	131872	30.95	ng	#	89
67) Hexachlorobenzene	10.90	284	129930	28.20	ng	#	68
68) Atrazine	11.01	200	126881	31.42	ng		99
69) Pentachlorophenol	11.11	266	138781	58.53	ng		99
70) Phenanthrene	11.33	178	723457	34.67	ng		100
71) Anthracene	11.37	178	689164	32.05	ng		100
72) Carbazole	11.53	167	624314	31.83	ng		99
73) Di-n-butylphthalate	11.86	149	753609	31.14	ng		99
74) Fluoranthene	12.52	202	728930	32.52	ng		98
76) Benzidine	12.65	184	241213	21.08	ng		98
77) Pyrene	12.76	202	820920	35.03	ng		98
79) Butylbenzylphthalate	13.41	149	350677	32.79	ng		95
80) Benzo(a)anthracene	14.02	228	669698	32.59	ng		99
81) 3,3'-Dichlorobenzidine	13.99	252	136128	17.45	ng	#	98
82) Chrysene	14.07	228	645263	29.80	ng		99
83) Bis(2-ethylhexyl)phthalate	14.02	149	474825	31.12	ng		100
84) Di-n-octyl phthalate	14.73	149	843558	32.19	ng		99
85) Indeno(1,2,3-cd)pyrene	17.01	276	539253	31.34	ng		98
87) Benzo(b)fluoranthene	15.19	252	600696	28.00	ng		99
88) Benzo(k)fluoranthene	15.22	252	655152m	36.33	ng		
89) Benzo(a)pyrene	15.54	252	585289	31.74	ng		99
90) Dibenzo(a,h)anthracene	17.03	278	460005	30.44	ng		99
91) Benzo(g,h,i)perylene	17.43	276	433069	29.50	ng		99

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

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