Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092815\
Data File : BF081856.D
Acq On : 28 Sep 2015 21:47
Operator : UM/IZ
Sample : PB85768BS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB85768BS

Manual Integrations APPROVED
MMDadoda
9/29/2015 12:11:05 PM

Quant Time: Sep 29 03:45:23 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 28 18:10:42 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	106243	20.00	ng		0.00
21) Naphthalene-d8	8.22	136	413842	20.00	ng		0.00
38) Acenaphthene-d10	9.98	164	209133	20.00	ng		0.00
63) Phenanthrene-d10	11.46	188	395150	20.00	ng		0.00
75) Chrysene-d12	14.12	240	386232	20.00	ng		0.00
86) Perylene-d12	15.58	264	334410	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	656603	112.19	ng		0.01
7) Phenol-d6	6.56	99	809874	109.97	ng		0.00
23) Nitrobenzene-d5	7.50	82	481380	77.54	ng		0.00
41) 2,4,6-Tribromophenol	10.78	330	243602	115.01	ng		0.01
44) 2-Fluorobiphenyl	9.30	172	1015304	80.38	ng		0.00
78) Terphenyl-d14	13.05	244	932693	75.66	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.62	88	80052	31.45	ng		88
3) Pyridine	3.37	79	224243	33.84	ng		85
4) n-Nitrosodimethylamine	3.33	42	102238	33.97	ng		94
6) Aniline	6.59	93	230006	23.25	ng	#	82
8) 2-Chlorophenol	6.72	128	237267	36.71	ng		98
9) Benzaldehyde	6.48	77	78808	16.34	ng	#	80
10) Phenol	6.57	94	313144	37.91	ng		70
11) bis(2-Chloroethyl)ether	6.66	93	240192	37.49	ng		96
12) 1,3-Dichlorobenzene	6.87	146	277818	36.39	ng	#	93
13) 1,4-Dichlorobenzene	6.95	146	290937	36.50	ng	#	93
14) 1,2-Dichlorobenzene	7.10	146	258717m	36.42	ng		
15) Benzyl Alcohol	7.07	79	202360	38.07	ng	#	75
16) 2,2'-oxybis(1-Chloropropan	7.21	45	349005	38.53	ng		77
17) 2-Methylphenol	7.19	107	195275	37.27	ng	#	88
18) Hexachloroethane	7.44	117	92177	36.94	ng	#	87
19) n-Nitroso-di-n-propylamine	7.35	70	161527	36.09	ng	#	77
20) 3+4-Methylphenols	7.34	107	258508	39.06	ng	#	60
22) Acetophenone	7.35	105	333353	39.40	ng	#	84
24) Nitrobenzene	7.52	77	254397	37.74	ng	#	75
25) Isophorone	7.75	82	452516	36.78	ng	#	87
26) 2-Nitrophenol	7.84	139	123488	38.16	ng	#	79
27) 2,4-Dimethylphenol	7.87	122	226606	39.81	ng	#	84
28) bis(2-Chloroethoxy)methane	7.97	93	276998	37.91	ng	#	92
29) 2,4-Dichlorophenol	8.08	162	223471	40.49	ng		98
30) 1,2,4-Trichlorobenzene	8.16	180	231986	37.64	ng		98
31) Naphthalene	8.24	128	680926m	37.13	ng		
32) Benzoic acid	7.99	122	106724	33.89	ng	#	68
33) 4-Chloroaniline	8.30	127	122444	15.44	ng	#	93
34) Hexachlorobutadiene	8.35	225	138872	38.10	ng		99
35) Caprolactam	8.65	113	63682	41.67	ng	#	75
36) 4-Chloro-3-methylphenol	8.78	107	226588	41.98	ng		89
37) 2-Methylnaphthalene	8.94	142	493510	39.43	ng	#	91
39) 1,2,4,5-Tetrachlorobenzene	9.10	216	234564	36.53	ng		99
40) Hexachlorocyclopentadiene	9.09	237	279386	84.50	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.21	196	161144	36.61	ng		100
43) 2,4,5-Trichlorophenol	9.26	196	177822	39.29	ng	#	96
45) 1,1'-Biphenyl	9.41	154	592028	36.69	ng		95
46) 2-Chloronaphthalene	9.43	162	478196	37.75	ng		99
47) 2-Nitroaniline	9.52	65	137627	37.01	ng	#	66
48) Acenaphthylene	9.84	152	752888	37.13	ng		96
49) Dimethylphthalate	9.70	163	568136	39.36	ng	#	97
50) 2,6-Dinitrotoluene	9.76	165	117069	37.35	ng	#	51
51) Acenaphthene	10.01	154	487877	40.52	ng		89
52) 3-Nitroaniline	9.93	138	81208	22.40	ng	#	55
53) 2,4-Dinitrophenol	10.05	184	98225	70.29	ng	#	79
54) Dibenzofuran	10.18	168	643364	37.81	ng	#	88
55) 4-Nitrophenol	10.09	139	192692	73.55	ng	#	43
56) 2,4-Dinitrotoluene	10.17	165	169860	42.51	ng	#	92
57) Fluorene	10.53	166	489380	39.97	ng		91
58) 2,3,4,6-Tetrachlorophenol	10.30	232	146020	40.67	ng		95
59) Diethylphthalate	10.40	149	544422	40.38	ng		99
60) 4-Chlorophenyl-phenylether	10.51	204	231901	37.22	ng	#	80
61) 4-Nitroaniline	10.55	138	127748	35.14	ng	#	46
62) Azobenzene	10.67	77	527487	40.08	ng		88
64) 4,6-Dinitro-2-methylphenol	10.57	198	73618	42.27	ng		92
65) n-Nitrosodiphenylamine	10.64	169	457603	38.28	ng		92
66) 4-Bromophenyl-phenylether	11.01	248	154414	38.76	ng	#	83
67) Hexachlorobenzene	11.07	284	181024	40.26	ng	#	80
68) Atrazine	11.17	200	153227	41.31	ng		82
69) Pentachlorophenol	11.27	266	202409	79.00	ng		97
70) Phenanthrene	11.49	178	774314	40.55	ng		96
71) Anthracene	11.54	178	818630	40.76	ng		98
72) Carbazole	11.70	167	732676	40.31	ng		96
73) Di-n-butylphthalate	12.02	149	784044	42.27	ng	#	97
74) Fluoranthene	12.68	202	820891	38.78	ng		93
76) Benzidine	12.81	184	249576	21.45	ng		98
77) Pyrene	12.92	202	883310	38.28	ng		96
79) Butylbenzylphthalate	13.53	149	345205	39.76	ng	#	94
80) Benzo(a)anthracene	14.10	228	771234	37.08	ng		96
81) 3,3'-Dichlorobenzidine	14.07	252	152651	21.73	ng	#	93
82) Chrysene	14.14	228	727815m	36.68	ng		
83) Bis(2-ethylhexyl)phthalate	14.08	149	445271	40.88	ng	#	90
84) Di-n-octyl phthalate	14.70	149	730682	41.23	ng	#	93
85) Indeno(1,2,3-cd)pyrene	17.05	276	630064	38.73	ng	#	86
87) Benzo(b)fluoranthene	15.16	252	756978	39.65	ng	#	85
88) Benzo(k)fluoranthene	15.18	252	639513m	36.55	ng		
89) Benzo(a)pyrene	15.52	252	661856	39.96	ng	#	85
90) Dibenzo(a,h)anthracene	17.06	278	520501	37.46	ng	#	81
91) Benzo(g,h,i)perylene	17.49	276	527790	37.06	ng	#	76

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

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