Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100615\
Data File : BF082081.D
Acq On : 6 Oct 2015 13:35
Operator : UM/IZ
Sample : PB85911BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB85911BS

Manual Integrations APPROVED
mmdadoda
10/7/2015 4:51:46 PM

Quant Time: Oct 07 03:47:38 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 07 02:00:35 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	82816	20.00	ng		0.00
21) Naphthalene-d8	8.17	136	326831	20.00	ng		0.00
38) Acenaphthene-d10	9.93	164	165013	20.00	ng		0.00
63) Phenanthrene-d10	11.42	188	325664	20.00	ng		0.00
75) Chrysene-d12	14.06	240	302243	20.00	ng		-0.01
86) Perylene-d12	15.51	264	284405	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	507302	111.20	ng		0.01
7) Phenol-d6	6.51	99	712958	124.20	ng		0.00
23) Nitrobenzene-d5	7.45	82	417268	85.11	ng		0.00
41) 2,4,6-Tribromophenol	10.72	330	194637	116.47	ng		0.00
44) 2-Fluorobiphenyl	9.25	172	843613	85.68	ng		0.00
78) Terphenyl-d14	13.01	244	1003358	120.96	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.55	88	67587	34.07	ng		86
3) Pyridine	3.28	79	182516	35.34	ng		85
4) n-Nitrosodimethylamine	3.25	42	79744	33.99	ng		94
6) Aniline	6.55	93	168739	21.88	ng		93
8) 2-Chlorophenol	6.66	128	203274	40.35	ng		85
9) Benzaldehyde	6.43	77	36090	9.60	ng		92
10) Phenol	6.54	94	234732	36.45	ng	#	64
11) bis(2-Chloroethyl)ether	6.62	93	196355	39.32	ng		97
12) 1,3-Dichlorobenzene	6.82	146	246657	41.45	ng	#	96
13) 1,4-Dichlorobenzene	6.90	146	249740	40.19	ng		97
14) 1,2-Dichlorobenzene	7.05	146	231482m	41.81	ng		
15) Benzyl Alcohol	7.03	79	171464	41.38	ng	#	77
16) 2,2'-oxybis(1-Chloropropan	7.17	45	298384	42.27	ng		81
17) 2-Methylphenol	7.14	107	177427	43.44	ng	#	86
18) Hexachloroethane	7.39	117	84576	43.48	ng	#	78
19) n-Nitroso-di-n-propylamine	7.30	70	156134	44.75	ng	#	74
20) 3+4-Methylphenols	7.29	107	206617	40.05	ng	#	56
22) Acetophenone	7.29	105	282475	42.27	ng	#	74
24) Nitrobenzene	7.47	77	221647	41.63	ng	#	78
25) Isophorone	7.71	82	402912	41.46	ng	#	96
26) 2-Nitrophenol	7.78	139	112807	44.14	ng	#	53
27) 2,4-Dimethylphenol	7.83	122	203626	45.29	ng	#	84
28) bis(2-Chloroethoxy)methane	7.92	93	240797	41.73	ng	#	93
29) 2,4-Dichlorophenol	8.03	162	191598	43.95	ng		95
30) 1,2,4-Trichlorobenzene	8.11	180	211079	43.37	ng		99
31) Naphthalene	8.19	128	637398	44.01	ng		97
32) Benzoic acid	7.94	122	106279	40.82	ng	#	68
33) 4-Chloroaniline	8.25	127	90876	14.51	ng	#	96
34) Hexachlorobutadiene	8.31	225	129571	45.02	ng		99
35) Caprolactam	8.62	113	59452m	49.26	ng		
36) 4-Chloro-3-methylphenol	8.73	107	201693	47.32	ng		85
37) 2-Methylnaphthalene	8.88	142	407913	41.26	ng	#	90
39) 1,2,4,5-Tetrachlorobenzene	9.05	216	220533	43.53	ng		98
40) Hexachlorocyclopentadiene	9.03	237	220157	84.39	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.17	196	153173	44.10	ng		98
43) 2,4,5-Trichlorophenol	9.21	196	155346	43.50	ng	#	93
45) 1,1'-Biphenyl	9.35	154	538160	42.27	ng		95
46) 2-Chloronaphthalene	9.37	162	396864	39.70	ng	#	92
47) 2-Nitroaniline	9.47	65	123386	42.05	ng	#	77
48) Acenaphthylene	9.79	152	700697	43.80	ng		97
49) Dimethylphthalate	9.66	163	524292	46.03	ng	#	97
50) 2,6-Dinitrotoluene	9.71	165	103794	41.97	ng	#	59
51) Acenaphthene	9.97	154	422399	44.46	ng		88
52) 3-Nitroaniline	9.89	138	63086	22.05	ng	#	69
53) 2,4-Dinitrophenol	10.00	184	120757	91.24	ng	#	83
54) Dibenzofuran	10.14	168	608362	45.31	ng	#	90
55) 4-Nitrophenol	10.06	139	175070	84.69	ng	#	60
56) 2,4-Dinitrotoluene	10.13	165	159746	50.67	ng	#	98
57) Fluorene	10.48	166	489984	51.33	ng		92
58) 2,3,4,6-Tetrachlorophenol	10.25	232	134892	47.61	ng		95
59) Diethylphthalate	10.35	149	506196	47.58	ng		97
60) 4-Chlorophenyl-phenylether	10.47	204	222891	45.34	ng	#	88
61) 4-Nitroaniline	10.50	138	112920	39.37	ng	#	50
62) Azobenzene	10.63	77	470100	45.27	ng		90
64) 4,6-Dinitro-2-methylphenol	10.53	198	72638	48.93	ng		88
65) n-Nitrosodiphenylamine	10.59	169	432312	43.88	ng		92
66) 4-Bromophenyl-phenylether	10.96	248	147745	44.99	ng		98
67) Hexachlorobenzene	11.03	284	148903	40.18	ng	#	74
68) Atrazine	11.12	200	140274	45.88	ng		84
69) Pentachlorophenol	11.22	266	174017	82.41	ng		100
70) Phenanthrene	11.44	178	681982	43.46	ng		96
71) Anthracene	11.50	178	784391	47.39	ng		98
72) Carbazole	11.66	167	664421	44.35	ng		96
73) Di-n-butylphthalate	11.98	149	797878	52.52	ng	#	99
74) Fluoranthene	12.63	202	738998	42.36	ng		91
76) Benzidine	12.76	184	264560	29.05	ng		98
77) Pyrene	12.86	202	742313	41.11	ng		96
79) Butylbenzylphthalate	13.48	149	322337	47.44	ng		88
80) Benzo(a)anthracene	14.05	228	712036	43.75	ng		95
81) 3,3'-Dichlorobenzidine	14.01	252	144144	26.22	ng	#	95
82) Chrysene	14.09	228	732363	Below Cal			95
83) Bis(2-ethylhexyl)phthalate	14.04	149	476541	55.91	ng	#	94
84) Di-n-octyl phthalate	14.65	149	782972	56.45	ng	#	91
85) Indeno(1,2,3-cd)pyrene	16.95	276	629184	49.42	ng	#	87
87) Benzo(b)fluoranthene	15.09	252	788898	48.58	ng	#	88
88) Benzo(k)fluoranthene	15.12	252	571324m	38.39	ng		
89) Benzo(a)pyrene	15.45	252	661542	46.97	ng	#	86
90) Dibenzo(a,h)anthracene	16.96	278	518394	43.87	ng	#	83
91) Benzo(g,h,i)perylene	17.38	276	499493	41.24	ng	#	76

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

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