Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110715\
Data File : BF082766.D
Acq On : 6 Nov 2015 17:32
Operator : UM/IZ
Sample : PB86426BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB86426BS

Manual Integrations APPROVED
Mmdadoda
11/9/2015 2:10:24 PM

Quant Time: Nov 07 03:14:06 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Nov 07 02:32:49 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	160531	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	579206	20.00	ng		-0.01
38) Acenaphthene-d10	9.89	164	323747	20.00	ng		0.00
63) Phenanthrene-d10	11.38	188	584461	20.00	ng		0.00
75) Chrysene-d12	14.01	240	506612	20.00	ng		-0.01
86) Perylene-d12	15.44	264	463406	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	1082499	104.92	ng		0.01
7) Phenol-d6	6.49	99	1458656	106.35	ng		0.01
23) Nitrobenzene-d5	7.41	82	1001008	75.20	ng		0.00
41) 2,4,6-Tribromophenol	10.68	330	416826	112.29	ng		0.00
44) 2-Fluorobiphenyl	9.22	172	1808298	80.05	ng		0.00
78) Terphenyl-d14	12.97	244	1873720	87.72	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.53	88	141411	31.77	ng		96
3) Pyridine	3.24	79	431891	33.43	ng		98
4) n-Nitrosodimethylamine	3.18	42	216438	33.78	ng		90
6) Aniline	6.51	93	360910	18.74	ng		99
8) 2-Chlorophenol	6.64	128	425671	37.22	ng		89
9) Benzaldehyde	6.38	77	44554	5.88	ng		96
10) Phenol	6.50	94	598909	38.48	ng		99
11) bis(2-Chloroethyl)ether	6.59	93	441437	37.93	ng		85
12) 1,3-Dichlorobenzene	6.80	146	448817m	34.79	ng		
13) 1,4-Dichlorobenzene	6.86	146	438850	32.70	ng		98
14) 1,2-Dichlorobenzene	7.02	146	459489	37.65	ng		97
15) Benzyl Alcohol	6.99	79	414832	34.44	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.14	45	649938	38.07	ng		94
17) 2-Methylphenol	7.10	107	355384	36.68	ng		98
18) Hexachloroethane	7.37	117	174918	36.44	ng		94
19) n-Nitroso-di-n-propylamine	7.26	70	348741	34.59	ng		92
20) 3+4-Methylphenols	7.26	107	470928	37.39	ng		97
22) Acetophenone	7.26	105	628915	37.90	ng	#	92
24) Nitrobenzene	7.44	77	531125	39.02	ng		98
25) Isophorone	7.68	82	902264	36.63	ng		99
26) 2-Nitrophenol	7.74	139	213458	37.57	ng		87
27) 2,4-Dimethylphenol	7.79	122	370628	36.30	ng		97
28) bis(2-Chloroethoxy)methane	7.89	93	535484	38.54	ng		100
29) 2,4-Dichlorophenol	8.00	162	392001	42.48	ng		95
30) 1,2,4-Trichlorobenzene	8.08	180	376740	36.31	ng		97
31) Naphthalene	8.16	128	1123164	35.15	ng		99
32) Benzoic acid	7.92	122	244774	35.02	ng		95
33) 4-Chloroaniline	8.20	127	187191	13.59	ng		92
34) Hexachlorobutadiene	8.28	225	235158	36.21	ng		99
35) Caprolactam	8.57	113	119620m	41.12	ng		
36) 4-Chloro-3-methylphenol	8.69	107	432455	39.85	ng		91
37) 2-Methylnaphthalene	8.85	142	843499	40.80	ng		96
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	406529	38.21	ng		99
40) Hexachlorocyclopentadiene	9.01	237	514116	89.95	ng		99

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	282586	35.58	ng		98
43) 2,4,5-Trichlorophenol	9.17	196	279229	35.55	ng	#	88
45) 1,1'-Biphenyl	9.31	154	952317	34.28	ng		94
46) 2-Chloronaphthalene	9.33	162	794309	36.66	ng		95
47) 2-Nitroaniline	9.42	65	272249	33.87	ng		92
48) Acenaphthylene	9.76	152	1307466	38.50	ng		98
49) Dimethylphthalate	9.62	163	931140	35.10	ng		100
50) 2,6-Dinitrotoluene	9.68	165	222147	39.25	ng		89
51) Acenaphthene	9.93	154	976358	45.36	ng		99
52) 3-Nitroaniline	9.84	138	106273	17.07	ng		85
53) 2,4-Dinitrophenol	9.95	184	280038	90.12	ng	#	18
54) Dibenzofuran	10.10	168	1133289	39.05	ng		94
55) 4-Nitrophenol	10.01	139	338153	70.82	ng	#	87
56) 2,4-Dinitrotoluene	10.08	165	258783	33.70	ng	#	93
57) Fluorene	10.44	166	943355	40.14	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.21	232	241288	37.64	ng	#	92
59) Diethylphthalate	10.32	149	947718	36.59	ng		97
60) 4-Chlorophenyl-phenylether	10.43	204	402970	34.27	ng	#	81
61) 4-Nitroaniline	10.45	138	187818	30.01	ng		91
62) Azobenzene	10.59	77	1030542	37.04	ng		89
64) 4,6-Dinitro-2-methylphenol	10.49	198	176059	42.28	ng		92
65) n-Nitrosodiphenylamine	10.56	169	826032	39.12	ng		99
66) 4-Bromophenyl-phenylether	10.92	248	258615	36.75	ng	#	78
67) Hexachlorobenzene	10.99	284	308072	39.20	ng	#	75
68) Atrazine	11.08	200	283084	43.36	ng		96
69) Pentachlorophenol	11.18	266	404675	84.81	ng		99
70) Phenanthrene	11.40	178	1442459	42.50	ng		97
71) Anthracene	11.45	178	1259620	35.23	ng		99
72) Carbazole	11.61	167	1236996	39.53	ng		96
73) Di-n-butylphthalate	11.94	149	1411012	36.19	ng		99
74) Fluoranthene	12.59	202	1425824	39.15	ng		93
76) Benzidine	12.71	184	428768	25.25	ng		99
77) Pyrene	12.81	202	1390054	39.95	ng		98
79) Butylbenzylphthalate	13.44	149	619766	40.32	ng		98
80) Benzo(a)anthracene	14.00	228	1299187	41.01	ng		99
81) 3,3'-Dichlorobenzidine	13.96	252	282160	25.05	ng	#	98
82) Chrysene	14.04	228	1312949	45.25	ng		100
83) Bis(2-ethylhexyl)phthalate	14.01	149	909848	43.25	ng	#	97
84) Di-n-octyl phthalate	14.61	149	1428738	40.71	ng		97
85) Indeno(1,2,3-cd)pyrene	16.83	276	1010801	40.45	ng		99
87) Benzo(b)fluoranthene	15.04	252	1251872m	42.09	ng		
88) Benzo(k)fluoranthene	15.06	252	951631m	36.06	ng		
89) Benzo(a)pyrene	15.38	252	1037397	40.25	ng		98
90) Dibenzo(a,h)anthracene	16.85	278	843212	38.64	ng		98
91) Benzo(g,h,i)perylene	17.25	276	805786	38.55	ng		98

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

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