Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101015\
Data File : BF082177.D
Acq On : 10 Oct 2015 15:35
Operator : UM/IZ
Sample : PB86038BS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB86038BS

Manual Integrations APPROVED
MMDadoda
10/12/2015 2:35:02 PM

Quant Time: Oct 12 02:24:34 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	98246	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	397462	20.00	ng		0.00
38) Acenaphthene-d10	9.89	164	204986	20.00	ng		0.00
63) Phenanthrene-d10	11.37	188	381935	20.00	ng		0.00
75) Chrysene-d12	14.01	240	349183	20.00	ng		0.00
86) Perylene-d12	15.44	264	276251	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	592831	121.78	ng		0.01
7) Phenol-d6	6.48	99	749866	118.37	ng		0.00
23) Nitrobenzene-d5	7.41	82	478407	80.83	ng		-0.01
41) 2,4,6-Tribromophenol	10.67	330	221346	115.14	ng		0.00
44) 2-Fluorobiphenyl	9.21	172	1027913	83.16	ng		0.00
78) Terphenyl-d14	12.96	244	1095166	83.11	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.51	88	74106	30.30	ng		98
3) Pyridine	3.23	79	206692	36.34	ng		96
4) n-Nitrosodimethylamine	3.20	42	84651	35.09	ng	#	93
6) Aniline	6.50	93	211577	25.90	ng		95
8) 2-Chlorophenol	6.63	128	222504	37.44	ng		99
9) Benzaldehyde	6.39	77	107654	33.28	ng		93
10) Phenol	6.49	94	289592	39.65	ng		98
11) bis(2-Chloroethyl)ether	6.58	93	235260	38.09	ng		97
12) 1,3-Dichlorobenzene	6.78	146	259677	37.52	ng		99
13) 1,4-Dichlorobenzene	6.86	146	266714	36.90	ng		98
14) 1,2-Dichlorobenzene	7.01	146	245643	35.79	ng		98
15) Benzyl Alcohol	6.98	79	170099	38.90	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.12	45	314251	36.54	ng		99
17) 2-Methylphenol	7.10	107	177376	37.75	ng		98
18) Hexachloroethane	7.35	117	90151	36.44	ng		94
19) n-Nitroso-di-n-propylamine	7.26	70	150636	33.86	ng	#	88
20) 3+4-Methylphenols	7.26	107	227668	40.66	ng	#	90
22) Acetophenone	7.26	105	300195	38.18	ng	#	98
24) Nitrobenzene	7.43	77	231235	36.09	ng		92
25) Isophorone	7.67	82	445182	37.27	ng		98
26) 2-Nitrophenol	7.75	139	129230	40.40	ng		93
27) 2,4-Dimethylphenol	7.78	122	204588	39.70	ng		100
28) bis(2-Chloroethoxy)methane	7.89	93	272408	39.19	ng		99
29) 2,4-Dichlorophenol	7.99	162	215378	41.81	ng		98
30) 1,2,4-Trichlorobenzene	8.07	180	219420	36.95	ng		99
31) Naphthalene	8.15	128	685677	39.80	ng		100
32) Benzoic acid	7.92	122	134090	38.77	ng		97
33) 4-Chloroaniline	8.21	127	120094	16.78	ng		95
34) Hexachlorobutadiene	8.26	225	140860	38.07	ng		97
35) Caprolactam	8.58	113	62313m	41.68	ng		
36) 4-Chloro-3-methylphenol	8.69	107	209533	41.59	ng		99
37) 2-Methylnaphthalene	8.85	142	460155	38.52	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	228742	37.52	ng		99
40) Hexachlorocyclopentadiene	8.99	237	246548	79.92	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	151998	37.53	ng		100
43) 2,4,5-Trichlorophenol	9.17	196	163262	37.22	ng		99
45) 1,1'-Biphenyl	9.30	154	550585	35.22	ng		98
46) 2-Chloronaphthalene	9.34	162	448603	36.46	ng		98
47) 2-Nitroaniline	9.43	65	124890	36.97	ng		97
48) Acenaphthylene	9.75	152	734058	38.29	ng		99
49) Dimethylphthalate	9.61	163	530431	36.75	ng		100
50) 2,6-Dinitrotoluene	9.68	165	126492	41.53	ng		87
51) Acenaphthene	9.92	154	436693	37.95	ng		99
52) 3-Nitroaniline	9.85	138	63328	18.41	ng		96
53) 2,4-Dinitrophenol	9.95	184	131148	77.29	ng	#	91
54) Dibenzofuran	10.09	168	636456	40.28	ng		100
55) 4-Nitrophenol	10.01	139	157439	69.81	ng		85
56) 2,4-Dinitrotoluene	10.08	165	149096	39.17	ng		95
57) Fluorene	10.43	166	513861	39.60	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.21	232	131010	36.55	ng		99
59) Diethylphthalate	10.31	149	506847	37.67	ng		99
60) 4-Chlorophenyl-phenylether	10.42	204	230266	38.74	ng		97
61) 4-Nitroaniline	10.47	138	122473	36.70	ng		97
62) Azobenzene	10.58	77	502482	38.16	ng		99
64) 4,6-Dinitro-2-methylphenol	10.49	198	91913	42.88	ng		92
65) n-Nitrosodiphenylamine	10.55	169	447148	39.10	ng		100
66) 4-Bromophenyl-phenylether	10.91	248	155506	40.68	ng		99
67) Hexachlorobenzene	10.98	284	159762	38.65	ng		98
68) Atrazine	11.07	200	129635	35.78	ng		99
69) Pentachlorophenol	11.18	266	185713	87.30	ng		98
70) Phenanthrene	11.40	178	724224	38.68	ng		100
71) Anthracene	11.45	178	805189	41.74	ng		99
72) Carbazole	11.60	167	641442	36.45	ng		99
73) Di-n-butylphthalate	11.93	149	842879	38.83	ng		100
74) Fluoranthene	12.58	202	801576	39.87	ng		100
76) Benzidine	12.71	184	317732	31.40	ng		99
77) Pyrene	12.81	202	781309	37.70	ng		100
79) Butylbenzylphthalate	13.43	149	343151	36.29	ng		98
80) Benzo(a)anthracene	14.00	228	704020	38.75	ng		100
81) 3,3'-Dichlorobenzidine	13.97	252	170753	24.76	ng		99
82) Chrysene	14.04	228	620412	32.41	ng		99
83) Bis(2-ethylhexyl)phthalate	13.99	149	504716	37.41	ng		100
84) Di-n-octyl phthalate	14.60	149	836246	36.09	ng		100
85) Indeno(1,2,3-cd)pyrene	16.86	276	565524	37.17	ng		99
87) Benzo(b)fluoranthene	15.03	252	748859m	44.56	ng		
88) Benzo(k)fluoranthene	15.06	252	474713m	33.60	ng		
89) Benzo(a)pyrene	15.38	252	572490	39.64	ng		99
90) Dibenzo(a,h)anthracene	16.87	278	474475	40.09	ng		99
91) Benzo(g,h,i)perylene	17.28	276	452135	39.32	ng		100

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

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