Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110715\
Data File : BF082767.D
Acq On : 6 Nov 2015 18:01
Operator : UM/IZ
Sample : PB86432BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB86432BS

Manual Integrations APPROVED
Mmdadoda
11/9/2015 2:10:19 PM

Quant Time: Nov 07 03:17:01 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	245633	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	932460	20.00	ng		-0.01
38) Acenaphthene-d10	9.89	164	506772	20.00	ng		0.00
63) Phenanthrene-d10	11.38	188	935897	20.00	ng		0.00
75) Chrysene-d12	14.01	240	544119	20.00	ng		-0.01
86) Perylene-d12	15.44	264	492246	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	969375	61.40	ng		0.01
7) Phenol-d6	6.49	99	2178563	103.80	ng		0.01
23) Nitrobenzene-d5	7.41	82	1426881	66.58	ng		0.00
41) 2,4,6-Tribromophenol	10.68	330	563384	96.96	ng		0.00
44) 2-Fluorobiphenyl	9.22	172	2372619	67.10	ng		0.00
78) Terphenyl-d14	12.96	244	2330089	101.57	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.53	88	204017	29.95	ng		94
3) Pyridine	3.24	79	574575	29.07	ng		93
4) n-Nitrosodimethylamine	3.18	42	279753	28.54	ng	#	68
6) Aniline	6.51	93	629759	21.37	ng		94
8) 2-Chlorophenol	6.64	128	623327	35.62	ng		91
9) Benzaldehyde	6.38	77	56685	4.89	ng		96
10) Phenol	6.50	94	923510	38.78	ng		93
11) bis(2-Chloroethyl)ether	6.59	93	626877	35.20	ng	#	82
12) 1,3-Dichlorobenzene	6.78	146	627939	31.81	ng		95
13) 1,4-Dichlorobenzene	6.86	146	631060	30.73	ng		97
14) 1,2-Dichlorobenzene	7.02	146	628504	33.65	ng		98
15) Benzyl Alcohol	6.99	79	568732	30.86	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.14	45	988388	37.84	ng		95
17) 2-Methylphenol	7.10	107	503528	33.97	ng		96
18) Hexachloroethane	7.37	117	237309	32.31	ng		93
19) n-Nitroso-di-n-propylamine	7.26	70	457366	29.65	ng		91
20) 3+4-Methylphenols	7.26	107	649831	33.72	ng		93
22) Acetophenone	7.26	105	860779	32.22	ng	#	93
24) Nitrobenzene	7.44	77	704145	32.13	ng		93
25) Isophorone	7.68	82	1299965	32.79	ng		96
26) 2-Nitrophenol	7.74	139	308781	33.76	ng	#	80
27) 2,4-Dimethylphenol	7.79	122	547742	33.33	ng		95
28) bis(2-Chloroethoxy)methane	7.89	93	780842	34.91	ng		99
29) 2,4-Dichlorophenol	8.00	162	541743	36.47	ng		97
30) 1,2,4-Trichlorobenzene	8.08	180	534336	31.99	ng		98
31) Naphthalene	8.16	128	1626169	31.61	ng		99
32) Benzoic acid	7.92	122	378034	33.59	ng		85
33) 4-Chloroaniline	8.20	127	367855	16.59	ng	#	91
34) Hexachlorobutadiene	8.28	225	316371	30.26	ng		98
35) Caprolactam	8.57	113	179151m	38.25	ng		
36) 4-Chloro-3-methylphenol	8.69	107	621130	35.56	ng	#	84
37) 2-Methylnaphthalene	8.85	142	1173029m	35.25	ng		
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	514437	30.89	ng		98
40) Hexachlorocyclopentadiene	9.01	237	650664	72.72	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	392087	31.54	ng		100
43) 2,4,5-Trichlorophenol	9.17	196	396763	32.27	ng	#	83
45) 1,1'-Biphenyl	9.31	154	1297629	29.84	ng		94
46) 2-Chloronaphthalene	9.33	162	1052699	31.03	ng		95
47) 2-Nitroaniline	9.42	65	365433	29.04	ng	#	86
48) Acenaphthylene	9.76	152	1817179	34.18	ng		99
49) Dimethylphthalate	9.62	163	1366143	32.90	ng		99
50) 2,6-Dinitrotoluene	9.68	165	324441	36.62	ng	#	79
51) Acenaphthene	9.93	154	1294210	38.41	ng		99
52) 3-Nitroaniline	9.84	138	192778	19.79	ng		83
53) 2,4-Dinitrophenol	9.95	184	392332	80.66	ng	#	9
54) Dibenzofuran	10.10	168	1556228	34.26	ng		91
55) 4-Nitrophenol	10.01	139	542592	72.59	ng		90
56) 2,4-Dinitrotoluene	10.08	165	392457	32.65	ng		95
57) Fluorene	10.44	166	1250982	34.01	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.21	232	338537	33.74	ng	#	90
59) Diethylphthalate	10.32	149	1279429	31.56	ng		98
60) 4-Chlorophenyl-phenylether	10.43	204	534057	29.01	ng	#	87
61) 4-Nitroaniline	10.45	138	297675	30.38	ng	#	76
62) Azobenzene	10.59	77	1465146	33.65	ng		93
64) 4,6-Dinitro-2-methylphenol	10.49	198	258571	38.78	ng		92
65) n-Nitrosodiphenylamine	10.56	169	1116224	33.01	ng		99
66) 4-Bromophenyl-phenylether	10.92	248	368654	32.71	ng	#	85
67) Hexachlorobenzene	10.99	284	409152	32.52	ng	#	73
68) Atrazine	11.08	200	399559	38.22	ng		97
69) Pentachlorophenol	11.18	266	535953	70.14	ng		100
70) Phenanthrene	11.40	178	1923612	35.39	ng		99
71) Anthracene	11.45	178	1739986	30.39	ng		99
72) Carbazole	11.60	167	1665714	33.24	ng		99
73) Di-n-butylphthalate	11.94	149	1961989	31.42	ng		99
74) Fluoranthene	12.58	202	1836587	31.49	ng		96
76) Benzidine	12.71	184	755539	41.43	ng		99
77) Pyrene	12.81	202	1897739	50.79	ng		99
79) Butylbenzylphthalate	13.44	149	864623	52.38	ng		99
80) Benzo(a)anthracene	14.00	228	1335736	39.26	ng		99
81) 3,3'-Dichlorobenzidine	13.96	252	338261	27.96	ng	#	98
82) Chrysene	14.04	228	1172499	37.62	ng		99
83) Bis(2-ethylhexyl)phthalate	14.01	149	873466	38.66	ng	#	98
84) Di-n-octyl phthalate	14.61	149	1361659	36.13	ng		98
85) Indeno(1,2,3-cd)pyrene	16.83	276	939277	35.00	ng		99
87) Benzo(b)fluoranthene	15.03	252	1242425m	39.32	ng		
88) Benzo(k)fluoranthene	15.06	252	824449m	29.41	ng		
89) Benzo(a)pyrene	15.38	252	977352	35.70	ng		99
90) Dibenzo(a,h)anthracene	16.84	278	786259	33.92	ng		99
91) Benzo(g,h,i)perylene	17.24	276	743228	33.47	ng		98

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

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