Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF073115\
Data File : BF080737.D
Acq On : 31 Jul 2015 16:42
Operator : TP/UM
Sample : PB84765BS
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB84765BS

Manual Integrations APPROVED
MMDadoda
8/3/2015 11:55:37 AM

Quant Time: Aug 01 01:34:31 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF073015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 31 01:45:22 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	160221	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	600251	20.00	ng		-0.01
38) Acenaphthene-d10	9.89	164	321317	20.00	ng		0.00
63) Phenanthrene-d10	11.37	188	576092	20.00	ng		0.00
75) Chrysene-d12	14.00	240	362950	20.00	ng		0.00
86) Perylene-d12	15.41	264	305264	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	1063746	113.89	ng		0.02
7) Phenol-d6	6.49	99	1347009	105.94	ng		0.00
23) Nitrobenzene-d5	7.41	82	917354	74.01	ng		-0.01
41) 2,4,6-Tribromophenol	10.68	330	372738	111.79	ng		0.00
44) 2-Fluorobiphenyl	9.22	172	1596250	74.11	ng		0.00
78) Terphenyl-d14	12.96	244	1440964	75.09	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.59	88	142161	30.87	ng		97
3) Pyridine	3.30	79	414791	32.46	ng		98
4) n-Nitrosodimethylamine	3.25	42	270953	37.09	ng		99
6) Aniline	6.52	93	388334	21.22	ng		98
8) 2-Chlorophenol	6.64	128	380400	36.34	ng		98
9) Benzaldehyde	6.40	77	77111	8.05	ng		88
10) Phenol	6.50	94	604077	41.05	ng		97
11) bis(2-Chloroethyl)ether	6.59	93	372175	35.41	ng		98
12) 1,3-Dichlorobenzene	6.80	146	428335	36.75	ng		97
13) 1,4-Dichlorobenzene	6.88	146	434872	36.58	ng		97
14) 1,2-Dichlorobenzene	7.02	146	428992	39.47	ng		96
15) Benzyl Alcohol	7.00	79	308168	29.18	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.14	45	885984	39.45	ng		98
17) 2-Methylphenol	7.10	107	340398	39.61	ng		98
18) Hexachloroethane	7.37	117	164839	37.15	ng		90
19) n-Nitroso-di-n-propylamine	7.28	70	337440	39.41	ng	#	90
20) 3+4-Methylphenols	7.26	107	427725	40.34	ng	#	89
22) Acetophenone	7.26	105	552112	38.11	ng	#	90
24) Nitrobenzene	7.44	77	502757	40.48	ng		96
25) Isophorone	7.68	82	844288	38.30	ng		99
26) 2-Nitrophenol	7.76	139	207245m	41.11	ng		
27) 2,4-Dimethylphenol	7.79	122	468204	49.44	ng		99
28) bis(2-Chloroethoxy)methane	7.89	93	534506	40.93	ng		98
29) 2,4-Dichlorophenol	8.00	162	336019	39.92	ng		95
30) 1,2,4-Trichlorobenzene	8.08	180	334957	36.49	ng		100
31) Naphthalene	8.16	128	1070887	35.74	ng		99
32) Benzoic acid	7.90	122	192117	29.06	ng		99
33) 4-Chloroaniline	8.20	127	103220	8.16	ng	#	88
34) Hexachlorobutadiene	8.28	225	232565	39.24	ng		98
35) Caprolactam	8.57	113	99138m	39.33	ng		
36) 4-Chloro-3-methylphenol	8.69	107	374522	41.27	ng		99
37) 2-Methylnaphthalene	8.85	142	778616	41.40	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	313339	31.05	ng		98
40) Hexachlorocyclopentadiene	9.00	237	471233	75.91	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	219181	31.22	ng		99
43) 2,4,5-Trichlorophenol	9.17	196	277475	39.85	ng	#	89
45) 1,1'-Biphenyl	9.31	154	842894	34.21	ng		94
46) 2-Chloronaphthalene	9.33	162	667945	33.19	ng	#	89
47) 2-Nitroaniline	9.44	65	285133	36.42	ng		98
48) Acenaphthylene	9.76	152	1178528	36.83	ng		98
49) Dimethylphthalate	9.62	163	869381	38.39	ng		99
50) 2,6-Dinitrotoluene	9.68	165	186566	38.82	ng		99
51) Acenaphthene	9.93	154	846826	43.38	ng		100
52) 3-Nitroaniline	9.84	138	85844	15.48	ng	#	51
53) 2,4-Dinitrophenol	9.95	184	239556	93.60	ng	#	57
54) Dibenzofuran	10.10	168	1023313	39.19	ng		99
55) 4-Nitrophenol	10.00	139	251519	61.56	ng	#	49
56) 2,4-Dinitrotoluene	10.08	165	242514	38.48	ng		92
57) Fluorene	10.44	166	753698	37.19	ng		97
58) 2,3,4,6-Tetrachlorophenol	10.21	232	223850	42.63	ng		97
59) Diethylphthalate	10.32	149	832217	38.13	ng		100
60) 4-Chlorophenyl-phenylether	10.43	204	359242	40.84	ng		96
61) 4-Nitroaniline	10.45	138	162022	32.36	ng		94
62) Azobenzene	10.59	77	996755	42.16	ng		97
64) 4,6-Dinitro-2-methylphenol	10.48	198	129392	37.29	ng		98
65) n-Nitrosodiphenylamine	10.54	169	664306	35.17	ng		97
66) 4-Bromophenyl-phenylether	10.92	248	247584	41.63	ng		96
67) Hexachlorobenzene	10.98	284	246147	35.80	ng		95
68) Atrazine	11.08	200	227913	57.94	ng		90
69) Pentachlorophenol	11.17	266	302067	72.60	ng		97
70) Phenanthrene	11.39	178	1042121	35.91	ng		100
71) Anthracene	11.45	178	1156585	40.56	ng		100
72) Carbazole	11.60	167	873417	35.29	ng		99
73) Di-n-butylphthalate	11.94	149	1345135	43.82	ng		99
74) Fluoranthene	12.58	202	1158815	41.30	ng		98
76) Benzidine	12.70	184	342595	25.92	ng		99
77) Pyrene	12.81	202	1176980	41.81	ng		100
79) Butylbenzylphthalate	13.43	149	453243	39.04	ng		94
80) Benzo(a)anthracene	13.99	228	769061	35.23	ng		99
81) 3,3'-Dichlorobenzidine	13.95	252	172289	23.12	ng	#	98
82) Chrysene	14.02	228	709621	33.49	ng		99
83) Bis(2-ethylhexyl)phthalate	13.99	149	590894	42.17	ng	#	94
84) Di-n-octyl phthalate	14.60	149	987376	42.02	ng		99
85) Indeno(1,2,3-cd)pyrene	16.80	276	697420	37.00	ng	#	88
87) Benzo(b)fluoranthene	15.00	252	729588	40.01	ng	#	97
88) Benzo(k)fluoranthene	15.04	252	527734m	35.17	ng		
89) Benzo(a)pyrene	15.36	252	605012	40.42	ng		98
90) Dibenzo(a,h)anthracene	16.81	278	586239	43.75	ng		97
91) Benzo(g,h,i)perylene	17.21	276	572000	43.38	ng		99

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

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