Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080715\
Data File : BF080944.D
Acq On : 8 Aug 2015 2:08
Operator : TP/UM
Sample : PB84907BSD
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB84907BSD

Manual Integrations APPROVED
MMDadoda
8/10/2015 7:20:19 PM

Quant Time: Aug 08 06:15:29 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF080715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Aug 08 01:33:05 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	71632	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	280896	20.00	ng		0.00
38) Acenaphthene-d10	9.85	164	142000	20.00	ng		0.00
63) Phenanthrene-d10	11.32	188	278198	20.00	ng		0.00
75) Chrysene-d12	13.95	240	209099	20.00	ng		-0.01
86) Perylene-d12	15.36	264	156848	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.39	112	226278	51.61	ng		0.01
7) Phenol-d6	6.44	99	330283	54.98	ng		0.00
23) Nitrobenzene-d5	7.37	82	299119	50.37	ng		-0.01
41) 2,4,6-Tribromophenol	10.64	330	80625	51.68	ng		0.00
44) 2-Fluorobiphenyl	9.17	172	524582	52.01	ng		0.00
78) Terphenyl-d14	12.91	244	564476	55.76	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.40	88	44192	21.25	ng		97
3) Pyridine	3.09	79	105786	17.94	ng		91
4) n-Nitrosodimethylamine	3.04	42	57692	19.16	ng		98
6) Aniline	6.46	93	111961	12.68	ng		97
8) 2-Chlorophenol	6.59	128	108056	21.30	ng		99
9) Benzaldehyde	6.35	77	95426	23.56	ng		96
10) Phenol	6.45	94	147960	20.76	ng		96
11) bis(2-Chloroethyl)ether	6.54	93	114905	21.59	ng		96
12) 1,3-Dichlorobenzene	6.75	146	103225	19.17	ng		98
13) 1,4-Dichlorobenzene	6.83	146	101823	18.20	ng		98
14) 1,2-Dichlorobenzene	6.98	146	107105	21.18	ng		98
15) Benzyl Alcohol	6.96	79	93904	19.10	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.09	45	213839	19.97	ng		99
17) 2-Methylphenol	7.07	107	90072	20.80	ng		98
18) Hexachloroethane	7.32	117	42236	19.70	ng		97
19) n-Nitroso-di-n-propylamine	7.22	70	79710	18.15	ng		93
20) 3+4-Methylphenols	7.22	107	112130	20.61	ng	#	81
22) Acetophenone	7.22	105	183666	26.69	ng		91
24) Nitrobenzene	7.39	77	125394	20.51	ng		95
25) Isophorone	7.63	82	215643	18.88	ng	#	94
26) 2-Nitrophenol	7.71	139	56956	22.14	ng		92
27) 2,4-Dimethylphenol	7.76	122	96430	20.02	ng		99
28) bis(2-Chloroethoxy)methane	7.85	93	139765	20.39	ng		98
29) 2,4-Dichlorophenol	7.95	162	84120	21.25	ng		98
30) 1,2,4-Trichlorobenzene	8.04	180	84207	19.46	ng		99
31) Naphthalene	8.11	128	283255	18.29	ng		99
32) Benzoic acid	7.86	122	79076	27.42	ng		95
33) 4-Chloroaniline	8.17	127	53412	8.49	ng	#	92
34) Hexachlorobutadiene	8.24	225	48218	18.73	ng		99
35) Caprolactam	8.52	113	36354	25.53	ng	#	63
36) 4-Chloro-3-methylphenol	8.65	107	96885	20.06	ng		96
37) 2-Methylnaphthalene	8.81	142	204307	20.73	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	96776	22.11	ng		98
40) Hexachlorocyclopentadiene	8.97	237	105851	44.31	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	55030	17.15	ng		99
43) 2,4,5-Trichlorophenol	9.13	196	61750	19.10	ng		97
45) 1,1'-Biphenyl	9.28	154	287087	23.56	ng		99
46) 2-Chloronaphthalene	9.29	162	172840	18.19	ng	#	91
47) 2-Nitroaniline	9.39	65	82679	21.70	ng		91
48) Acenaphthylene	9.71	152	317577	19.23	ng		99
49) Dimethylphthalate	9.57	163	237064	20.10	ng		99
50) 2,6-Dinitrotoluene	9.63	165	46726	19.17	ng		86
51) Acenaphthene	9.88	154	231674	22.90	ng		99
52) 3-Nitroaniline	9.79	138	29705	9.89	ng		81
53) 2,4-Dinitrophenol	9.90	184	63058	45.46	ng		92
54) Dibenzofuran	10.05	168	293646	21.47	ng		97
55) 4-Nitrophenol	9.96	139	104489	46.46	ng	#	61
56) 2,4-Dinitrotoluene	10.03	165	63110	19.35	ng		95
57) Fluorene	10.40	166	215415	20.36	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.17	232	53723m	21.00	ng		
59) Diethylphthalate	10.27	149	237573	19.35	ng		99
60) 4-Chlorophenyl-phenylether	10.38	204	93931	18.22	ng		97
61) 4-Nitroaniline	10.41	138	53122	17.18	ng		98
62) Azobenzene	10.54	77	274233	19.97	ng		98
64) 4,6-Dinitro-2-methylphenol	10.44	198	34179	19.82	ng	#	67
65) n-Nitrosodiphenylamine	10.51	169	189507	19.61	ng		98
66) 4-Bromophenyl-phenylether	10.88	248	62281	21.14	ng		91
67) Hexachlorobenzene	10.93	284	61723	18.84	ng	#	56
68) Atrazine	11.04	200	81813	28.87	ng		97
69) Pentachlorophenol	11.13	266	81784	42.94	ng		96
70) Phenanthrene	11.34	178	303036	19.24	ng		99
71) Anthracene	11.40	178	341166	21.88	ng		99
72) Carbazole	11.55	167	294644	19.40	ng	#	97
73) Di-n-butylphthalate	11.89	149	416401	21.93	ng		99
74) Fluoranthene	12.53	202	370183	21.74	ng		97
76) Benzidine	12.66	184	181178	16.76	ng		97
77) Pyrene	12.76	202	377366	24.43	ng		99
79) Butylbenzylphthalate	13.38	149	167870	22.54	ng	#	62
80) Benzo(a)anthracene	13.94	228	288587	21.85	ng		99
81) 3,3'-Dichlorobenzidine	13.91	252	77617	16.16	ng	#	94
82) Chrysene	13.99	228	300931	23.79	ng		99
83) Bis(2-ethylhexyl)phthalate	13.94	149	233625	22.55	ng	#	92
84) Di-n-octyl phthalate	14.56	149	419503	23.88	ng		98
85) Indeno(1,2,3-cd)pyrene	16.71	276	237242	19.71	ng		98
87) Benzo(b)fluoranthene	14.96	252	227661m	20.87	ng		
88) Benzo(k)fluoranthene	14.99	252	253848m	26.61	ng		
89) Benzo(a)pyrene	15.30	252	224260	23.92	ng	#	97
90) Dibenzo(a,h)anthracene	16.73	278	199519	24.06	ng		99
91) Benzo(g,h,i)perylene	17.12	276	188446	23.37	ng		97

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

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