Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081915\
Data File : BF081087.D
Acq On : 19 Aug 2015 18:17
Operator : UM/IZ
Sample : PB84980BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB84980BS

Manual Integrations APPROVED
MMDadoda
8/20/2015 3:41:17 PM

Quant Time: Aug 20 01:12:32 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 17 17:57:25 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.58	152	60972	20.00	ng		-0.04
21) Naphthalene-d8	7.88	136	250576	20.00	ng		-0.03
38) Acenaphthene-d10	9.62	164	118633	20.00	ng		-0.03
63) Phenanthrene-d10	11.09	188	222798	20.00	ng		-0.04
75) Chrysene-d12	13.71	240	185586	20.00	ng		-0.04
86) Perylene-d12	15.05	264	179324	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.17	112	384780	94.92	ng		-0.02
7) Phenol-d6	6.24	99	567082	107.22	ng		-0.02
23) Nitrobenzene-d5	7.16	82	335130	61.10	ng		-0.03
41) 2,4,6-Tribromophenol	10.41	330	102797	99.96	ng		-0.03
44) 2-Fluorobiphenyl	8.96	172	572922	63.28	ng		-0.03
78) Terphenyl-d14	12.68	244	569798	65.82	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	2.09	88	52559	27.51	ng		94
3) Pyridine	2.71	79	140217	26.01	ng	#	81
4) n-Nitrosodimethylamine	2.65	42	91677	30.54	ng	#	78
6) Aniline	6.25	93	120983	15.73	ng	#	1
8) 2-Chlorophenol	6.37	128	138442	31.20	ng		92
9) Benzaldehyde	6.13	77	54076	15.86	ng		93
10) Phenol	6.25	94	233038	37.31	ng		80
11) bis(2-Chloroethyl)ether	6.33	93	148540	30.99	ng		90
12) 1,3-Dichlorobenzene	6.53	146	149914	31.44	ng		97
13) 1,4-Dichlorobenzene	6.61	146	154814	32.79	ng		98
14) 1,2-Dichlorobenzene	6.76	146	134427	30.42	ng		99
15) Benzyl Alcohol	6.74	79	142922	33.40	ng		95
16) 2,2'-oxybis(1-Chloropropan	6.88	45	287590	30.53	ng		100
17) 2-Methylphenol	6.86	107	120082	31.54	ng		96
18) Hexachloroethane	7.10	117	58723	30.79	ng		96
19) n-Nitroso-di-n-propylamine	7.02	70	115594	31.55	ng		91
20) 3+4-Methylphenols	7.02	107	153355	31.74	ng	#	51
22) Acetophenone	7.01	105	209861	31.90	ng	#	89
24) Nitrobenzene	7.18	77	186549	32.53	ng		99
25) Isophorone	7.42	82	297000	29.03	ng		99
26) 2-Nitrophenol	7.50	139	78011	32.71	ng	#	65
27) 2,4-Dimethylphenol	7.54	122	132618	31.43	ng		95
28) bis(2-Chloroethoxy)methane	7.65	93	187507	31.03	ng	#	98
29) 2,4-Dichlorophenol	7.74	162	117894	33.19	ng		91
30) 1,2,4-Trichlorobenzene	7.82	180	119795	30.34	ng		98
31) Naphthalene	7.90	128	440852	31.56	ng		99
32) Benzoic acid	7.68	122	105280	44.36	ng		90
33) 4-Chloroaniline	7.96	127	58178	9.87	ng	#	85
34) Hexachlorobutadiene	8.02	225	71888	32.20	ng		98
35) Caprolactam	8.32	113	44580m	35.91	ng		
36) 4-Chloro-3-methylphenol	8.45	107	140725	33.24	ng		98
37) 2-Methylnaphthalene	8.58	142	260800	29.56	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.76	216	117020	30.57	ng		98
40) Hexachlorocyclopentadiene	8.74	237	134327	67.80	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.87	196	87042	32.19	ng		99
43) 2,4,5-Trichlorophenol	8.92	196	80727	29.87	ng	#	93
45) 1,1'-Biphenyl	9.05	154	346060	33.12	ng		97
46) 2-Chloronaphthalene	9.08	162	255858	30.48	ng		98
47) 2-Nitroaniline	9.17	65	98707	28.73	ng		98
48) Acenaphthylene	9.49	152	433144	28.84	ng		99
49) Dimethylphthalate	9.36	163	281779	28.84	ng		99
50) 2,6-Dinitrotoluene	9.42	165	64199	30.61	ng	#	77
51) Acenaphthene	9.66	154	263002	29.25	ng		99
52) 3-Nitroaniline	9.58	138	38604	14.71	ng		99
53) 2,4-Dinitrophenol	9.69	184	85550	74.28	ng	#	69
54) Dibenzofuran	9.83	168	390302	32.40	ng		100
55) 4-Nitrophenol	9.76	139	130840	70.97	ng	#	60
56) 2,4-Dinitrotoluene	9.82	165	84661	30.45	ng	#	77
57) Fluorene	10.16	166	259871	28.04	ng		97
58) 2,3,4,6-Tetrachlorophenol	9.94	232	64776m	30.97	ng		
59) Diethylphthalate	10.06	149	310130	29.99	ng		98
60) 4-Chlorophenyl-phenylether	10.16	204	121934	31.09	ng		97
61) 4-Nitroaniline	10.20	138	82849	30.88	ng		93
62) Azobenzene	10.32	77	368148	30.89	ng		96
64) 4,6-Dinitro-2-methylphenol	10.22	198	46356	34.84	ng		94
65) n-Nitrosodiphenylamine	10.29	169	267417	33.62	ng		99
66) 4-Bromophenyl-phenylether	10.65	248	75595	34.54	ng		95
67) Hexachlorobenzene	10.71	284	80255	36.21	ng		96
68) Atrazine	10.81	200	75476	34.06	ng		97
69) Pentachlorophenol	10.90	266	95205	71.59	ng		98
70) Phenanthrene	11.11	178	417436	31.61	ng		99
71) Anthracene	11.17	178	438010	34.09	ng		99
72) Carbazole	11.33	167	455080	36.79	ng		100
73) Di-n-butylphthalate	11.67	149	503752	33.65	ng		98
74) Fluoranthene	12.29	202	448131	31.45	ng		92
76) Benzidine	12.43	184	142627	20.34	ng		97
77) Pyrene	12.52	202	479985	31.81	ng		100
79) Butylbenzylphthalate	13.16	149	241195	37.19	ng	#	82
80) Benzo(a)anthracene	13.69	228	421739	33.89	ng		99
81) 3,3'-Dichlorobenzidine	13.67	252	98993	24.56	ng		98
82) Chrysene	13.74	228	429417	38.28	ng		99
83) Bis(2-ethylhexyl)phthalate	13.72	149	313483	37.74	ng	#	98
84) Di-n-octyl phthalate	14.32	149	544288	43.11	ng		99
85) Indeno(1,2,3-cd)pyrene	16.25	276	344106	43.70	ng	#	94
87) Benzo(b)fluoranthene	14.69	252	493157m	38.88	ng		
88) Benzo(k)fluoranthene	14.72	252	262337m	22.20	ng		
89) Benzo(a)pyrene	15.00	252	346814	31.38	ng	#	95
90) Dibenzo(a,h)anthracene	16.28	278	288454	33.50	ng		98
91) Benzo(g,h,i)perylene	16.62	276	279557	32.00	ng	#	92

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

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