Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090815\
Data File : BF081542.D
Acq On : 9 Sep 2015 3:08
Operator : UM/IZ
Sample : G3585-04MS
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MGP212BR(51.5-54)MS

Manual Integrations APPROVED
MMDadoda
9/9/2015 2:59:41 PM

Quant Time: Sep 09 04:40:54 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 09 03:32:15 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.34	152	45870	20.00	ng		-0.01
21) Naphthalene-d8	7.63	136	176422	20.00	ng		-0.01
38) Acenaphthene-d10	9.38	164	82271	20.00	ng		0.00
63) Phenanthrene-d10	10.84	188	145858	20.00	ng		0.00
75) Chrysene-d12	13.45	240	104076	20.00	ng		0.00
86) Perylene-d12	14.75	264	88577	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.90	112	156037	52.78	ng		0.02
7) Phenol-d6	6.02	99	416385	106.40	ng		0.00
23) Nitrobenzene-d5	6.92	82	281018	76.85	ng		-0.01
41) 2,4,6-Tribromophenol	10.16	330	10696	14.60	ng		0.00
44) 2-Fluorobiphenyl	8.72	172	420333	65.47	ng		0.00
78) Terphenyl-d14	12.42	244	302515	67.66	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.72	88	45285	34.11	ng	#	72
3) Pyridine	2.25	79	162671	44.43	ng	#	82
4) n-Nitrosodimethylamine	2.23	42	89008	43.76	ng	#	70
6) Aniline	6.01	93	102603	18.57	ng	#	70
8) 2-Chlorophenol	6.14	128	99133	30.43	ng		95
9) Benzaldehyde	5.88	77	87138	35.54	ng	#	87
10) Phenol	6.03	94	178208	39.27	ng	#	47
11) bis(2-Chloroethyl)ether	6.10	93	147666	45.10	ng		92
12) 1,3-Dichlorobenzene	6.28	146	144840	41.61	ng	#	94
13) 1,4-Dichlorobenzene	6.36	146	143917	40.61	ng	#	90
14) 1,2-Dichlorobenzene	6.51	146	121638	38.12	ng	#	86
15) Benzyl Alcohol	6.51	79	134590	41.92	ng	#	70
16) 2,2'-oxybis(1-Chloropropan	6.65	45	281847	44.91	ng	#	5
17) 2-Methylphenol	6.65	107	112666	43.34	ng	#	73
18) Hexachloroethane	6.86	117	50991	36.98	ng		88
19) n-Nitroso-di-n-propylamine	6.79	70	111444	41.84	ng	#	88
20) 3+4-Methylphenols	6.81	107	144725	41.29	ng		88
22) Acetophenone	6.78	105	208459	43.26	ng	#	75
24) Nitrobenzene	6.95	77	180452	47.52	ng	#	65
25) Isophorone	7.19	82	279115	41.04	ng	#	81
26) 2-Nitrophenol	7.27	139	18437	11.14	ng	#	58
27) 2,4-Dimethylphenol	7.34	122	128194	44.84	ng	#	81
28) bis(2-Chloroethoxy)methane	7.42	93	171407	43.63	ng	#	90
29) 2,4-Dichlorophenol	7.52	162	67235	27.12	ng		92
30) 1,2,4-Trichlorobenzene	7.59	180	113267	42.06	ng		97
31) Naphthalene	7.67	128	957572	101.77	ng		99
33) 4-Chloroaniline	7.72	127	86452	22.53	ng	#	82
34) Hexachlorobutadiene	7.78	225	65079	39.71	ng		96
35) Caprolactam	8.08	113	31119	40.93	ng	#	17
36) 4-Chloro-3-methylphenol	8.24	107	130493	47.03	ng	#	76
37) 2-Methylnaphthalene	8.35	142	272416	44.49	ng	#	90
39) 1,2,4,5-Tetrachlorobenzene	8.51	216	97758	37.57	ng		98
40) Hexachlorocyclopentadiene	8.50	237	9026	7.07	ng		97
42) 2,4,6-Trichlorophenol	8.64	196	7090	3.95	ng		97

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43) 2,4,5-Trichlorophenol	8.68	196	18848	10.29	ng	#	77
45) 1,1'-Biphenyl	8.81	154	283174	37.41	ng		96
46) 2-Chloronaphthalene	8.83	162	228872	41.87	ng	#	91
47) 2-Nitroaniline	8.95	65	104485	46.90	ng	#	74
48) Acenaphthylene	9.23	152	351047	36.20	ng		96
49) Dimethylphthalate	9.13	163	400876	62.71	ng	#	97
50) 2,6-Dinitrotoluene	9.19	165	48184	33.21	ng	#	1
51) Acenaphthene	9.42	154	204333	37.04	ng		88
52) 3-Nitroaniline	9.36	138	57692	34.93	ng	#	87
54) Dibenzofuran	9.58	168	298200	37.02	ng	#	79
56) 2,4-Dinitrotoluene	9.59	165	71708	38.82	ng	#	43
57) Fluorene	9.92	166	259219	42.41	ng		98
58) 2,3,4,6-Tetrachlorophenol	9.71	232	2814	2.01	ng	#	74
59) Diethylphthalate	9.83	149	300015	44.62	ng		99
60) 4-Chlorophenyl-phenylether	9.92	204	107748	37.82	ng	#	68
61) 4-Nitroaniline	9.95	138	55513	33.27	ng	#	14
62) Azobenzene	10.08	77	317563	42.48	ng		83
65) n-Nitrosodiphenylamine	10.04	169	225834	42.55	ng		91
66) 4-Bromophenyl-phenylether	10.41	248	61787	41.89	ng	#	86
67) Hexachlorobenzene	10.46	284	58863	38.17	ng	#	67
68) Atrazine	10.58	200	62330	40.58	ng		83
69) Pentachlorophenol	10.67	266	727	9.61	ng		94
70) Phenanthrene	10.87	178	348849	43.02	ng		97
71) Anthracene	10.91	178	317604	38.12	ng		98
72) Carbazole	11.08	167	330058	42.22	ng		98
73) Di-n-butylphthalate	11.44	149	406328	44.02	ng	#	98
74) Fluoranthene	12.03	202	282412	32.17	ng		90
76) Benzidine	12.18	184	139843	31.30	ng		98
77) Pyrene	12.26	202	298056	38.66	ng		98
79) Butylbenzylphthalate	12.91	149	146271	43.63	ng		98
80) Benzo(a)anthracene	13.44	228	258777	39.04	ng		98
81) 3,3'-Dichlorobenzidine	13.42	252	66567	29.77	ng	#	96
82) Chrysene	13.47	228	199861	33.64	ng		94
83) Bis(2-ethylhexyl)phthalate	13.47	149	195468	44.18	ng	#	88
84) Di-n-octyl phthalate	14.08	149	314194	43.13	ng		95
85) Indeno(1,2,3-cd)pyrene	15.83	276	189281	43.42	ng	#	86
87) Benzo(b)fluoranthene	14.43	252	272859m	43.15	ng		
88) Benzo(k)fluoranthene	14.46	252	187248m	35.69	ng		
89) Benzo(a)pyrene	14.71	252	202316	37.75	ng	#	87
90) Dibenzo(a,h)anthracene	15.84	278	166235	40.15	ng	#	80
91) Benzo(g,h,i)perylene	16.15	276	142543	36.07	ng	#	71

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

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