Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092515\
Data File : BF081805.D
Acq On : 25 Sep 2015 16:13
Operator : UM/IZ
Sample : G3708-05MSD
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MGP209BR-29-30MSD

Manual Integrations APPROVED
MMDadoda
9/28/2015 1:18:52 PM

Quant Time: Sep 26 07:14:27 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 25 06:02:49 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	138011	20.00	ng		0.00
21) Naphthalene-d8	8.23	136	531339	20.00	ng		-0.01
38) Acenaphthene-d10	9.99	164	261645	20.00	ng		-0.01
63) Phenanthrene-d10	11.47	188	516594	20.00	ng		0.00
75) Chrysene-d12	14.12	240	419994	20.00	ng		0.00
86) Perylene-d12	15.59	264	352276	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.55	112	921643	112.98	ng		0.01
7) Phenol-d6	6.57	99	1094400	106.06	ng		0.00
23) Nitrobenzene-d5	7.51	82	740562	91.96	ng		-0.01
41) 2,4,6-Tribromophenol	10.79	330	332832	146.52	ng		0.00
44) 2-Fluorobiphenyl	9.31	172	1385242	86.91	ng		0.00
78) Terphenyl-d14	13.06	244	1302988	70.87	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.65	88	121424	30.07	ng		90
3) Pyridine	3.41	79	314917	27.65	ng		89
4) n-Nitrosodimethylamine	3.36	42	176631	32.86	ng		99
6) Aniline	6.61	93	394714	25.55	ng	#	89
8) 2-Chlorophenol	6.73	128	368422	40.99	ng		95
9) Benzaldehyde	6.49	77	136716	22.41	ng	#	77
10) Phenol	6.58	94	441478	36.83	ng	#	66
11) bis(2-Chloroethyl)ether	6.69	93	374368	42.59	ng		95
12) 1,3-Dichlorobenzene	6.89	146	392470	36.90	ng		98
13) 1,4-Dichlorobenzene	6.96	146	376773m	35.01	ng		
14) 1,2-Dichlorobenzene	7.12	146	391415	39.09	ng		97
15) Benzyl Alcohol	7.09	79	301327	37.03	ng	#	77
16) 2,2'-oxybis(1-Chloropropan	7.22	45	529136	35.19	ng		89
17) 2-Methylphenol	7.20	107	297169	39.14	ng	#	89
18) Hexachloroethane	7.46	117	139635	39.84	ng	#	75
19) n-Nitroso-di-n-propylamine	7.36	70	238343	34.65	ng	#	81
20) 3+4-Methylphenols	7.35	107	348037	36.49	ng	#	78
22) Acetophenone	7.36	105	479631	41.16	ng	#	83
24) Nitrobenzene	7.53	77	372116	41.42	ng	#	68
25) Isophorone	7.77	82	698921	39.18	ng	#	91
26) 2-Nitrophenol	7.85	139	198350	60.78	ng	#	79
27) 2,4-Dimethylphenol	7.89	122	318082	39.31	ng		86
28) bis(2-Chloroethoxy)methane	7.99	93	430232	41.28	ng	#	95
29) 2,4-Dichlorophenol	8.09	162	330495	43.88	ng		94
30) 1,2,4-Trichlorobenzene	8.17	180	318780	37.71	ng		98
31) Naphthalene	8.25	128	970299	39.58	ng		97
32) Benzoic acid	7.92	122	8475m	5.38	ng		
33) 4-Chloroaniline	8.30	127	242335	22.53	ng	#	86
34) Hexachlorobutadiene	8.38	225	196506	39.41	ng		99
35) Caprolactam	8.67	113	91675m	45.56	ng		
36) 4-Chloro-3-methylphenol	8.78	107	308787	40.91	ng	#	80
37) 2-Methylnaphthalene	8.95	142	733762	42.01	ng	#	92
39) 1,2,4,5-Tetrachlorobenzene	9.11	216	313655	37.56	ng		99
40) Hexachlorocyclopentadiene	9.10	237	337080	94.19	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.22	196	266127	48.37	ng		99
43) 2,4,5-Trichlorophenol	9.26	196	230121	42.51	ng	#	93
45) 1,1'-Biphenyl	9.42	154	866447	42.35	ng		93
46) 2-Chloronaphthalene	9.44	162	711825	43.25	ng		96
47) 2-Nitroaniline	9.53	65	203813	46.57	ng	#	74
48) Acenaphthylene	9.85	152	1038794	37.30	ng		95
49) Dimethylphthalate	9.71	163	1018815	51.17	ng	#	97
50) 2,6-Dinitrotoluene	9.77	165	167701	43.64	ng	#	50
51) Acenaphthene	10.02	154	596410	37.16	ng		90
52) 3-Nitroaniline	9.94	138	154358	37.03	ng	#	70
53) 2,4-Dinitrophenol	10.05	184	42274	68.18	ng	#	84
54) Dibenzofuran	10.19	168	909891	38.65	ng	#	86
55) 4-Nitrophenol	10.10	139	297015	103.33	ng	#	75
56) 2,4-Dinitrotoluene	10.18	165	238090	51.75	ng	#	81
57) Fluorene	10.54	166	679629	37.62	ng		92
58) 2,3,4,6-Tetrachlorophenol	10.31	232	195492	47.31	ng		99
59) Diethylphthalate	10.41	149	781073	40.50	ng		99
60) 4-Chlorophenyl-phenylether	10.54	204	341296	41.15	ng		88
61) 4-Nitroaniline	10.56	138	187507	46.31	ng	#	47
62) Azobenzene	10.69	77	821179	41.65	ng		86
64) 4,6-Dinitro-2-methylphenol	10.58	198	68058	54.32	ng	#	77
65) n-Nitrosodiphenylamine	10.65	169	659604	37.86	ng		91
66) 4-Bromophenyl-phenylether	11.02	248	228028	39.64	ng	#	86
67) Hexachlorobenzene	11.09	284	262945	43.81	ng	#	83
68) Atrazine	11.18	200	221065	42.44	ng		84
69) Pentachlorophenol	11.28	266	228618	69.69	ng		98
70) Phenanthrene	11.50	178	1099456	37.23	ng		95
71) Anthracene	11.55	178	1115943	39.21	ng		95
72) Carbazole	11.70	167	979439	37.07	ng		94
73) Di-n-butylphthalate	12.04	149	1195224	37.17	ng	#	97
74) Fluoranthene	12.69	202	1122622	37.72	ng		93
76) Benzidine	12.81	184	303734	21.31	ng		98
77) Pyrene	12.92	202	1179070	37.24	ng		95
79) Butylbenzylphthalate	13.54	149	537955	42.63	ng	#	85
80) Benzo(a)anthracene	14.10	228	1024616	40.23	ng		95
81) 3,3'-Dichlorobenzidine	14.07	252	239201	29.57	ng	#	96
82) Chrysene	14.15	228	1021233m	41.81	ng		
83) Bis(2-ethylhexyl)phthalate	14.09	149	708771	46.32	ng	#	92
84) Di-n-octyl phthalate	14.71	149	1148282	51.03	ng	#	94
85) Indeno(1,2,3-cd)pyrene	17.05	276	845438	37.81	ng	#	88
87) Benzo(b)fluoranthene	15.16	252	1003022	48.01	ng	#	89
88) Benzo(k)fluoranthene	15.19	252	632759m	31.45	ng		
89) Benzo(a)pyrene	15.53	252	774701	41.07	ng	#	82
90) Dibenzo(a,h)anthracene	17.08	278	700729	35.65	ng	#	81
91) Benzo(g,h,i)perylene	17.51	276	719654	35.51	ng	#	73

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

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