Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092515\
Data File : BF081804.D
Acq On : 25 Sep 2015 15:43
Operator : UM/IZ
Sample : G3708-04MS
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MGP209BR-29-30MS

Manual Integrations APPROVED
MMDadoda
9/28/2015 1:18:47 PM

Quant Time: Sep 28 00:40:17 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	143943	20.00	ng		0.00
21) Naphthalene-d8	8.24	136	558543	20.00	ng		0.00
38) Acenaphthene-d10	9.99	164	278360	20.00	ng		-0.01
63) Phenanthrene-d10	11.47	188	529773	20.00	ng		0.00
75) Chrysene-d12	14.13	240	440112	20.00	ng		0.01
86) Perylene-d12	15.59	264	353386	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.55	112	1064417	125.10	ng		0.01
7) Phenol-d6	6.57	99	1341818	124.68	ng		0.00
23) Nitrobenzene-d5	7.52	82	908005	107.26	ng		0.00
41) 2,4,6-Tribromophenol	10.79	330	407050	168.43	ng		0.00
44) 2-Fluorobiphenyl	9.31	172	1526909	90.05	ng		0.00
78) Terphenyl-d14	13.06	244	1451903	75.36	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.65	88	143128	33.98	ng		90
3) Pyridine	3.42	79	405034	34.09	ng		88
4) n-Nitrosodimethylamine	3.37	42	211822	37.78	ng		100
6) Aniline	6.61	93	482080	29.92	ng	#	90
8) 2-Chlorophenol	6.73	128	419991	44.80	ng		90
9) Benzaldehyde	6.49	77	159560	25.08	ng	#	78
10) Phenol	6.58	94	450094	36.01	ng	#	54
11) bis(2-Chloroethyl)ether	6.69	93	400465	43.68	ng		99
12) 1,3-Dichlorobenzene	6.89	146	468198	42.20	ng		97
13) 1,4-Dichlorobenzene	6.96	146	455905m	40.62	ng		
14) 1,2-Dichlorobenzene	7.12	146	460864	44.13	ng		97
15) Benzyl Alcohol	7.09	79	343278	40.45	ng	#	77
16) 2,2'-oxybis(1-Chloropropan	7.22	45	652356	41.60	ng		89
17) 2-Methylphenol	7.20	107	361092	45.60	ng	#	88
18) Hexachloroethane	7.46	117	161670	44.23	ng	#	76
19) n-Nitroso-di-n-propylamine	7.36	70	304500	42.44	ng	#	82
20) 3+4-Methylphenols	7.35	107	400227	40.23	ng	#	76
22) Acetophenone	7.36	105	528901	43.18	ng	#	81
24) Nitrobenzene	7.53	77	406023	42.99	ng	#	67
25) Isophorone	7.77	82	820535	43.75	ng	#	89
26) 2-Nitrophenol	7.85	139	230787	67.27	ng	#	73
27) 2,4-Dimethylphenol	7.89	122	394268	46.36	ng	#	84
28) bis(2-Chloroethoxy)methane	7.99	93	552451	50.43	ng	#	95
29) 2,4-Dichlorophenol	8.09	162	405684	51.23	ng		98
30) 1,2,4-Trichlorobenzene	8.17	180	386621	43.50	ng		95
31) Naphthalene	8.26	128	1175144	45.61	ng		98
32) Benzoic acid	7.92	122	7858m	4.75	ng		
33) 4-Chloroaniline	8.31	127	244147	21.59	ng		97
34) Hexachlorobutadiene	8.38	225	233154	44.48	ng		99
35) Caprolactam	8.67	113	105517m	49.88	ng		
36) 4-Chloro-3-methylphenol	8.78	107	380004	47.89	ng	#	81
37) 2-Methylnaphthalene	8.95	142	830629	45.24	ng	#	90
39) 1,2,4,5-Tetrachlorobenzene	9.11	216	381487	42.94	ng		99
40) Hexachlorocyclopentadiene	9.10	237	400702	105.24	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.22	196	293449	50.13	ng		99
43) 2,4,5-Trichlorophenol	9.26	196	287898	49.99	ng	#	92
45) 1,1'-Biphenyl	9.42	154	1041837	47.87	ng		93
46) 2-Chloronaphthalene	9.44	162	824113	47.07	ng		94
47) 2-Nitroaniline	9.53	65	221702	47.61	ng	#	72
48) Acenaphthylene	9.85	152	1212205	40.91	ng		95
49) Dimethylphthalate	9.71	163	1196823	56.50	ng	#	97
50) 2,6-Dinitrotoluene	9.78	165	224661	54.95	ng	#	92
51) Acenaphthene	10.02	154	724349	42.42	ng		88
52) 3-Nitroaniline	9.94	138	156059	35.19	ng	#	68
53) 2,4-Dinitrophenol	10.05	184	56572	76.21	ng	#	60
54) Dibenzofuran	10.19	168	1052628	42.02	ng	#	86
55) 4-Nitrophenol	10.10	139	345127	112.86	ng	#	52
56) 2,4-Dinitrotoluene	10.18	165	310181	63.37	ng	#	96
57) Fluorene	10.54	166	783727	40.77	ng		92
58) 2,3,4,6-Tetrachlorophenol	10.31	232	225665	51.33	ng		98
59) Diethylphthalate	10.41	149	893734	43.56	ng		98
60) 4-Chlorophenyl-phenylether	10.54	204	415904	47.13	ng		92
61) 4-Nitroaniline	10.56	138	209814	48.71	ng	#	46
62) Azobenzene	10.70	77	982681	46.85	ng		96
64) 4,6-Dinitro-2-methylphenol	10.58	198	72919	55.69	ng		97
65) n-Nitrosodiphenylamine	10.65	169	725445	40.61	ng		91
66) 4-Bromophenyl-phenylether	11.03	248	282343	47.87	ng	#	82
67) Hexachlorobenzene	11.09	284	298834	48.56	ng	#	85
68) Atrazine	11.18	200	240697	45.06	ng		84
69) Pentachlorophenol	11.28	266	282357	82.78	ng		100
70) Phenanthrene	11.51	178	1383381	45.67	ng		96
71) Anthracene	11.55	178	1221912	41.87	ng		95
72) Carbazole	11.71	167	1266060	46.73	ng		96
73) Di-n-butylphthalate	12.03	149	1369087	41.51	ng	#	97
74) Fluoranthene	12.70	202	1371195	44.93	ng		85
76) Benzidine	12.81	184	384511	25.74	ng		98
77) Pyrene	12.93	202	1466061m	44.18	ng		
79) Butylbenzylphthalate	13.54	149	640842	48.46	ng	#	93
80) Benzo(a)anthracene	14.12	228	1172138	43.92	ng		95
81) 3,3'-Dichlorobenzidine	14.07	252	250388	29.54	ng	#	96
82) Chrysene	14.15	228	1067551m	41.71	ng		
83) Bis(2-ethylhexyl)phthalate	14.09	149	807338	50.35	ng	#	91
84) Di-n-octyl phthalate	14.71	149	1245670	52.83	ng		95
85) Indeno(1,2,3-cd)pyrene	17.06	276	1006146	42.94	ng	#	88
87) Benzo(b)fluoranthene	15.16	252	1104925	52.73	ng	#	88
88) Benzo(k)fluoranthene	15.19	252	760658m	37.68	ng		
89) Benzo(a)pyrene	15.53	252	898100	47.47	ng	#	85
90) Dibenzo(a,h)anthracene	17.09	278	827487	41.97	ng	#	78
91) Benzo(g,h,i)perylene	17.51	276	848477	41.74	ng	#	76

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

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