Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092415\
Data File : BF081791.D
Acq On : 25 Sep 2015 6:38
Operator : UM/IZ
Sample : G3708-05MSD
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MGP209BR-29-30MSD

Manual Integrations APPROVED
MMDadoda
9/25/2015 3:37:14 PM

Quant Time: Sep 25 07:26:28 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 07:13:40 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	138328	20.00	ng		0.00
21) Naphthalene-d8	8.24	136	576359	20.00	ng		0.00
38) Acenaphthene-d10	9.99	164	284408	20.00	ng		-0.01
63) Phenanthrene-d10	11.47	188	522253	20.00	ng		0.00
75) Chrysene-d12	14.12	240	397923	20.00	ng		0.00
86) Perylene-d12	15.58	264	322764	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.55	112	865461	105.85	ng		0.01
7) Phenol-d6	6.57	99	1190452	115.10	ng		0.00
23) Nitrobenzene-d5	7.52	82	754016	86.32	ng		0.00
41) 2,4,6-Tribromophenol	10.79	330	364590	147.66	ng		0.00
44) 2-Fluorobiphenyl	9.31	172	1341984	77.46	ng		0.00
78) Terphenyl-d14	13.06	244	1292664	74.21	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.67	88	128346	31.71	ng		90
3) Pyridine	3.43	79	357027	31.27	ng		89
4) n-Nitrosodimethylamine	3.38	42	191042	35.46	ng		95
6) Aniline	6.62	93	412716	26.66	ng		93
8) 2-Chlorophenol	6.73	128	342353	38.00	ng		84
9) Benzaldehyde	6.50	77	146999	24.04	ng		90
10) Phenol	6.58	94	397947	33.13	ng	#	53
11) bis(2-Chloroethyl)ether	6.69	93	314877	35.74	ng		94
12) 1,3-Dichlorobenzene	6.89	146	398595	37.39	ng	#	94
13) 1,4-Dichlorobenzene	6.97	146	420245	38.96	ng		96
14) 1,2-Dichlorobenzene	7.12	146	367090m	36.58	ng		
15) Benzyl Alcohol	7.09	79	333204	40.85	ng	#	77
16) 2,2'-oxybis(1-Chloropropan	7.23	45	629158	41.75	ng		86
17) 2-Methylphenol	7.20	107	321437	42.24	ng	#	85
18) Hexachloroethane	7.46	117	132818	37.81	ng	#	87
19) n-Nitroso-di-n-propylamine	7.37	70	286622	41.57	ng	#	78
20) 3+4-Methylphenols	7.35	107	371514	38.86	ng	#	79
22) Acetophenone	7.36	105	476878	37.73	ng	#	77
24) Nitrobenzene	7.53	77	384512	39.45	ng	#	66
25) Isophorone	7.77	82	738956	38.19	ng	#	89
26) 2-Nitrophenol	7.85	139	171516	48.45	ng	#	56
27) 2,4-Dimethylphenol	7.89	122	325588	37.10	ng	#	81
28) bis(2-Chloroethoxy)methane	7.99	93	490226	43.36	ng	#	94
29) 2,4-Dichlorophenol	8.09	162	356748	43.66	ng		98
30) 1,2,4-Trichlorobenzene	8.18	180	358189	39.06	ng		98
31) Naphthalene	8.26	128	1084100	40.77	ng		97
32) Benzoic acid	7.93	122	13556m	7.93	ng		
33) 4-Chloroaniline	8.31	127	278898	23.90	ng	#	93
34) Hexachlorobutadiene	8.38	225	218670	40.43	ng		99
35) Caprolactam	8.67	113	98331m	45.05	ng		
36) 4-Chloro-3-methylphenol	8.78	107	334169	40.81	ng	#	79
37) 2-Methylnaphthalene	8.95	142	704344	37.17	ng	#	90
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	361617	39.84	ng		99
40) Hexachlorocyclopentadiene	9.11	237	337905	86.86	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.22	196	262257	43.85	ng		100
43) 2,4,5-Trichlorophenol	9.26	196	246642	41.91	ng	#	90
45) 1,1'-Biphenyl	9.42	154	956725	43.02	ng		94
46) 2-Chloronaphthalene	9.44	162	706657	39.50	ng		93
47) 2-Nitroaniline	9.53	65	203691	42.81	ng	#	68
48) Acenaphthylene	9.86	152	1171082	38.68	ng		97
49) Dimethylphthalate	9.71	163	1136560	52.52	ng	#	97
50) 2,6-Dinitrotoluene	9.78	165	209549	50.16	ng		94
51) Acenaphthene	10.03	154	705894	40.46	ng		92
52) 3-Nitroaniline	9.94	138	140629	31.04	ng	#	61
53) 2,4-Dinitrophenol	10.05	184	46217	68.37	ng	#	44
54) Dibenzofuran	10.21	168	1018529	39.80	ng		97
55) 4-Nitrophenol	10.10	139	297133	95.10	ng	#	74
56) 2,4-Dinitrotoluene	10.18	165	272068	54.40	ng	#	96
57) Fluorene	10.55	166	764496	38.93	ng		92
58) 2,3,4,6-Tetrachlorophenol	10.31	232	211260	47.03	ng		97
59) Diethylphthalate	10.41	149	856823	40.88	ng		98
60) 4-Chlorophenyl-phenylether	10.54	204	390841	43.35	ng		97
61) 4-Nitroaniline	10.56	138	170799	38.81	ng	#	45
62) Azobenzene	10.70	77	921407	43.00	ng		95
64) 4,6-Dinitro-2-methylphenol	10.58	198	64582	52.41	ng		97
65) n-Nitrosodiphenylamine	10.65	169	665010	37.76	ng		90
66) 4-Bromophenyl-phenylether	11.03	248	251236	43.20	ng	#	86
67) Hexachlorobenzene	11.09	284	262327	43.24	ng	#	89
68) Atrazine	11.18	200	225527	42.83	ng		82
69) Pentachlorophenol	11.28	266	276373	82.23	ng		98
70) Phenanthrene	11.51	178	1207968	40.46	ng		96
71) Anthracene	11.55	178	1088252	37.82	ng		95
72) Carbazole	11.72	167	1073945	40.21	ng		96
73) Di-n-butylphthalate	12.04	149	1281550	39.42	ng	#	97
74) Fluoranthene	12.69	202	1128016	37.49	ng		93
76) Benzidine	12.81	184	301318	22.31	ng		98
77) Pyrene	12.92	202	1198295	39.94	ng		95
79) Butylbenzylphthalate	13.53	149	522248	43.68	ng	#	77
80) Benzo(a)anthracene	14.10	228	874528	36.24	ng		95
81) 3,3'-Dichlorobenzidine	14.07	252	246745	32.19	ng	#	93
82) Chrysene	14.14	228	827652m	35.77	ng		
83) Bis(2-ethylhexyl)phthalate	14.09	149	766561	52.88	ng	#	93
84) Di-n-octyl phthalate	14.71	149	1225534	57.49	ng		95
85) Indeno(1,2,3-cd)pyrene	17.04	276	795059	37.53	ng	#	89
87) Benzo(b)fluoranthene	15.16	252	768938	40.17	ng	#	86
88) Benzo(k)fluoranthene	15.18	252	690950m	37.48	ng		
89) Benzo(a)pyrene	15.52	252	714554	41.35	ng	#	85
90) Dibenzo(a,h)anthracene	17.06	278	676327	37.56	ng	#	83
91) Benzo(g,h,i)perylene	17.49	276	619600	33.37	ng	#	79

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

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