Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100215\
Data File : BF082027.D
Acq On : 3 Oct 2015 17:57
Operator : UM/IZ
Sample : G3827-03MS
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MGP220BR-37-38MS

Manual Integrations APPROVED
MMDADODA
10/5/2015 6:27:45 PM

Quant Time: Oct 05 17:35:38 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 28 18:10:42 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	91689	20.00	ng		-0.05
21) Naphthalene-d8	8.17	136	368667	20.00	ng		-0.05
38) Acenaphthene-d10	9.93	164	186031	20.00	ng		-0.05
63) Phenanthrene-d10	11.43	188	376791	20.00	ng		-0.03
75) Chrysene-d12	14.08	240	313543	20.00	ng		-0.03
86) Perylene-d12	15.53	264	255480	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	684292	135.48	ng		-0.03
7) Phenol-d6	6.51	99	873570	137.45	ng		-0.05
23) Nitrobenzene-d5	7.45	82	533987	96.55	ng		-0.05
41) 2,4,6-Tribromophenol	10.73	330	237807	126.22	ng		-0.03
44) 2-Fluorobiphenyl	9.26	172	905179	80.60	ng		-0.05
78) Terphenyl-d14	13.02	244	928616	100.74	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	2.50	88	80185	36.51	ng		90
3) Pyridine	3.23	79	227921	39.86	ng		86
4) n-Nitrosodimethylamine	3.20	42	104196	40.12	ng		97
6) Aniline	6.55	93	254987	29.86	ng	#	86
8) 2-Chlorophenol	6.67	128	267048	47.88	ng		97
9) Benzaldehyde	6.43	77	54414	13.07	ng	#	83
10) Phenol	6.54	94	326794	45.84	ng		79
11) bis(2-Chloroethyl)ether	6.63	93	278574	50.38	ng		94
12) 1,3-Dichlorobenzene	6.82	146	273889m	41.57	ng		
13) 1,4-Dichlorobenzene	6.90	146	299364m	43.52	ng		
14) 1,2-Dichlorobenzene	7.06	146	278577	45.44	ng		98
15) Benzyl Alcohol	7.03	79	195860	42.69	ng	#	76
16) 2,2'-oxybis(1-Chloropropan	7.17	45	354553	45.36	ng		83
17) 2-Methylphenol	7.14	107	221255	48.93	ng	#	86
18) Hexachloroethane	7.39	117	95691	44.43	ng		90
19) n-Nitroso-di-n-propylamine	7.30	70	169649	43.92	ng	#	78
20) 3+4-Methylphenols	7.29	107	257992	45.17	ng	#	69
22) Acetophenone	7.30	105	357252	47.39	ng	#	82
24) Nitrobenzene	7.47	77	259993	43.29	ng	#	69
25) Isophorone	7.71	82	499437	45.56	ng	#	92
26) 2-Nitrophenol	7.79	139	149215	51.76	ng	#	83
27) 2,4-Dimethylphenol	7.83	122	276677	54.56	ng	#	83
28) bis(2-Chloroethoxy)methane	7.93	93	302474	46.47	ng	#	94
29) 2,4-Dichlorophenol	8.03	162	246346	50.10	ng		96
30) 1,2,4-Trichlorobenzene	8.11	180	245845	44.78	ng		99
31) Naphthalene	8.19	128	739357	45.26	ng		98
32) Benzoic acid	7.89	122	12506m	10.84	ng		
33) 4-Chloroaniline	8.25	127	180909	25.61	ng	#	97
34) Hexachlorobutadiene	8.31	225	142097	43.77	ng		97
35) Caprolactam	8.63	113	66511m	48.86	ng		
36) 4-Chloro-3-methylphenol	8.73	107	251958	52.40	ng		85
37) 2-Methylnaphthalene	8.89	142	522103	46.82	ng	#	92
39) 1,2,4,5-Tetrachlorobenzene	9.05	216	241558	42.30	ng		99
40) Hexachlorocyclopentadiene	9.04	237	232434	79.03	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.17	196	169148	43.20	ng		100
43) 2,4,5-Trichlorophenol	9.21	196	199744	49.61	ng		97
45) 1,1'-Biphenyl	9.36	154	646833	45.07	ng		94
46) 2-Chloronaphthalene	9.38	162	529218	46.96	ng		96
47) 2-Nitroaniline	9.49	65	162430	49.10	ng		90
48) Acenaphthylene	9.79	152	768881	42.63	ng		96
49) Dimethylphthalate	9.67	163	942784	73.42	ng	#	97
50) 2,6-Dinitrotoluene	9.73	165	135973	48.77	ng	#	68
51) Acenaphthene	9.97	154	457801	42.74	ng		88
52) 3-Nitroaniline	9.90	138	122021	37.83	ng	#	74
53) 2,4-Dinitrophenol	10.00	184	25156	31.51	ng	#	51
54) Dibenzofuran	10.15	168	696909	46.04	ng		95
55) 4-Nitrophenol	10.06	139	206889	88.78	ng	#	46
56) 2,4-Dinitrotoluene	10.13	165	175835	49.48	ng	#	69
57) Fluorene	10.49	166	558352	51.90	ng		92
58) 2,3,4,6-Tetrachlorophenol	10.26	232	175922	55.08	ng		90
59) Diethylphthalate	10.37	149	593312	49.47	ng		99
60) 4-Chlorophenyl-phenylether	10.48	204	270477	48.81	ng		94
61) 4-Nitroaniline	10.53	138	149710	46.29	ng	#	64
62) Azobenzene	10.64	77	571465	48.82	ng		92
64) 4,6-Dinitro-2-methylphenol	10.54	198	64593	39.47	ng		90
65) n-Nitrosodiphenylamine	10.61	169	513040	45.00	ng		91
66) 4-Bromophenyl-phenylether	10.97	248	176446	46.44	ng		97
67) Hexachlorobenzene	11.03	284	165708	38.65	ng	#	83
68) Atrazine	11.13	200	158267	44.74	ng		83
69) Pentachlorophenol	11.23	266	199034	81.47	ng		99
70) Phenanthrene	11.45	178	820874	45.28	ng		96
71) Anthracene	11.51	178	900373	47.01	ng		98
72) Carbazole	11.66	167	814769	47.01	ng		95
73) Di-n-butylphthalate	11.99	149	851421	48.33	ng	#	98
74) Fluoranthene	12.64	202	886097	43.90	ng		90
76) Benzidine	12.78	184	329021	34.83	ng		98
77) Pyrene	12.87	202	850055	45.38	ng		96
79) Butylbenzylphthalate	13.50	149	391697	55.57	ng		97
80) Benzo(a)anthracene	14.07	228	710248	42.07	ng		95
81) 3,3'-Dichlorobenzidine	14.04	252	223711	39.23	ng	#	93
82) Chrysene	14.10	228	735683	64.20	ng		94
83) Bis(2-ethylhexyl)phthalate	14.06	149	506302	57.26	ng	#	94
84) Di-n-octyl phthalate	14.68	149	816487	56.75	ng	#	92
85) Indeno(1,2,3-cd)pyrene	16.98	276	669587	50.70	ng	#	87
87) Benzo(b)fluoranthene	15.11	252	764623m	52.42	ng		
88) Benzo(k)fluoranthene	15.14	252	505925m	37.84	ng		
89) Benzo(a)pyrene	15.48	252	603003	47.66	ng	#	86
90) Dibenzo(a,h)anthracene	17.02	278	561048	52.85	ng	#	79
91) Benzo(g,h,i)perylene	17.44	276	552228	50.76	ng	#	74

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

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