Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052615\
Data File : BF079495.D
Acq On : 27 May 2015 1:26
Operator : TP/IZ
Sample : G2289-13MS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-31SMS

Manual Integrations APPROVED
apatel
5/27/2015 2:01:45 PM

Quant Time: May 27 02:33:00 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF052615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 27 01:32:46 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.02	152	84430	20.00	ng		0.00
21) Naphthalene-d8	8.59	136	346680	20.00	ng		0.00
38) Acenaphthene-d10	10.76	164	171770	20.00	ng		0.00
63) Phenanthrene-d10	12.60	188	325358	20.00	ng		0.01
75) Chrysene-d12	15.89	240	337232	20.00	ng		0.01
86) Perylene-d12	17.58	264	353427	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.30	112	793669m	163.05	ng		0.00
7) Phenol-d6	6.62	99	1003221	161.69	ng		0.00
23) Nitrobenzene-d5	7.72	82	628666	104.82	ng		0.01
41) 2,4,6-Tribromophenol	11.75	330	303328	160.77	ng		0.00
44) 2-Fluorobiphenyl	9.94	172	1145449	95.14	ng		0.00
78) Terphenyl-d14	14.59	244	1302858	90.67	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.86	88	88925m	38.40	ng		
3) Pyridine	2.50	79	271673m	53.28	ng		
4) n-Nitrosodimethylamine	2.44	42	123196m	49.07	ng		
6) Aniline	6.62	93	189578m	21.53	ng		
8) 2-Chlorophenol	6.75	128	305543	53.92	ng		94
9) Benzaldehyde	6.47	77	47841m	11.38	ng		
10) Phenol	6.64	94	377894m	51.73	ng		
11) bis(2-Chloroethyl)ether	6.72	93	279058	52.81	ng		96
12) 1,3-Dichlorobenzene	6.94	146	312664	49.80	ng		98
13) 1,4-Dichlorobenzene	7.04	146	319968	49.96	ng		99
14) 1,2-Dichlorobenzene	7.22	146	301328	50.66	ng		97
15) Benzyl Alcohol	7.22	79	224033	49.13	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.39	45	417880	54.03	ng		96
17) 2-Methylphenol	7.38	107	240026	53.91	ng		98
18) Hexachloroethane	7.63	117	106891	48.49	ng		99
19) n-Nitroso-di-n-propylamine	7.55	70	230141	52.72	ng	#	91
20) 3+4-Methylphenols	7.58	107	323941	52.95	ng		96
22) Acetophenone	7.54	105	423962	54.58	ng	#	90
24) Nitrobenzene	7.75	77	314079	53.13	ng	#	83
25) Isophorone	8.04	82	579749	53.03	ng		96
26) 2-Nitrophenol	8.14	139	157567	56.30	ng		94
27) 2,4-Dimethylphenol	8.22	122	267629	53.20	ng		98
28) bis(2-Chloroethoxy)methane	8.33	93	376540	55.57	ng		99
29) 2,4-Dichlorophenol	8.44	162	263558	57.19	ng		97
30) 1,2,4-Trichlorobenzene	8.54	180	259490	54.29	ng		93
31) Naphthalene	8.63	128	878141	52.78	ng		99
32) Benzoic acid	8.35	122	74218	23.77	ng		98
33) 4-Chloroaniline	8.71	127	156898	22.57	ng		99
34) Hexachlorobutadiene	8.78	225	138360	50.89	ng		99
35) Caprolactam	9.14	113	81498m	56.08	ng		
36) 4-Chloro-3-methylphenol	9.34	107	274794	57.49	ng	#	86
37) 2-Methylnaphthalene	9.48	142	616335	53.36	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.69	216	249793	51.99	ng	#	100
40) Hexachlorocyclopentadiene	9.67	237	33993	35.27	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.85	196	174941	52.15	ng		98
43) 2,4,5-Trichlorophenol	9.90	196	187373	56.11	ng	#	87
45) 1,1'-Biphenyl	10.07	154	736793	54.92	ng		98
46) 2-Chloronaphthalene	10.08	162	556032	52.48	ng		98
47) 2-Nitroaniline	10.23	65	177065	56.20	ng	#	59
48) Acenaphthylene	10.59	152	919199	52.26	ng		99
49) Dimethylphthalate	10.47	163	863727	68.24	ng		99
50) 2,6-Dinitrotoluene	10.54	165	141378	55.91	ng	#	74
51) Acenaphthene	10.81	154	528259	52.52	ng		100
52) 3-Nitroaniline	10.74	138	107877	32.80	ng	#	76
53) 2,4-Dinitrophenol	10.88	184	38599	47.73	ng	#	82
54) Dibenzofuran	11.02	168	795557	53.63	ng		97
55) 4-Nitrophenol	10.98	139	222074	121.76	ng		89
56) 2,4-Dinitrotoluene	11.04	165	196068	57.82	ng	#	75
57) Fluorene	11.45	166	648137	53.01	ng		99
58) 2,3,4,6-Tetrachlorophenol	11.19	232	143654	59.11	ng	#	100
59) Diethylphthalate	11.34	149	644012	51.98	ng		96
60) 4-Chlorophenyl-phenylether	11.46	204	281837	53.35	ng	#	82
61) 4-Nitroaniline	11.50	138	139461	45.52	ng		90
62) Azobenzene	11.66	77	708965	58.83	ng		91
64) 4,6-Dinitro-2-methylphenol	11.54	198	45704	30.73	ng		81
65) n-Nitrosodiphenylamine	11.61	169	557757	51.61	ng		98
66) 4-Bromophenyl-phenylether	12.06	248	181294	54.11	ng	#	87
67) Hexachlorobenzene	12.12	284	206211	53.98	ng	#	82
68) Atrazine	12.28	200	167585	57.41	ng		96
69) Pentachlorophenol	12.38	266	197539	134.99	ng		96
70) Phenanthrene	12.63	178	955860	53.55	ng		98
71) Anthracene	12.70	178	944223	52.10	ng		98
72) Carbazole	12.91	167	973082	55.77	ng		98
73) Di-n-butylphthalate	13.36	149	1093965	56.60	ng		99
74) Fluoranthene	14.10	202	1099070	57.42	ng		94
76) Benzidine	14.30	184	334787	46.35	ng		98
77) Pyrene	14.39	202	1173992	56.19	ng		100
79) Butylbenzylphthalate	15.22	149	523469	55.71	ng	#	87
80) Benzo(a)anthracene	15.87	228	1076250	55.48	ng		100
81) 3,3'-Dichlorobenzidine	15.85	252	342070	48.15	ng	#	99
82) Chrysene	15.92	228	981602	53.23	ng		99
83) Bis(2-ethylhexyl)phthalate	15.93	149	746905	55.49	ng		99
84) Di-n-octyl phthalate	16.71	149	1254685	53.55	ng		100
85) Indeno(1,2,3-cd)pyrene	18.89	276	1283186	54.10	ng		99
87) Benzo(b)fluoranthene	17.14	252	1331444	66.05	ng		98
88) Benzo(k)fluoranthene	17.18	252	799260m	44.34	ng		
89) Benzo(a)pyrene	17.52	252	1042722	59.62	ng		98
90) Dibenzo(a,h)anthracene	18.91	278	1022005	55.62	ng		97
91) Benzo(g,h,i)perylene	19.28	276	1062009	56.80	ng		98

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

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