Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052815\
Data File : BF079548.D
Acq On : 28 May 2015 17:04
Operator : TP/IZ
Sample : G2386-12MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-8-SSMS

Manual Integrations APPROVED
apatel
5/29/2015 5:12:10 PM

Quant Time: May 29 09:03:27 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF052615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 28 18:41:08 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	67194	20.00	ng		0.00
21) Naphthalene-d8	8.54	136	279830	20.00	ng		0.00
38) Acenaphthene-d10	10.71	164	134492	20.00	ng		0.00
63) Phenanthrene-d10	12.54	188	257927	20.00	ng		0.00
75) Chrysene-d12	15.83	240	258043	20.00	ng		-0.01
86) Perylene-d12	17.57	264	295218	20.00	ng		-0.10
System Monitoring Compounds							
5) 2-Fluorophenol	5.26	112	392464m	101.31	ng		0.02
7) Phenol-d6	6.57	99	533480	108.04	ng		0.01
23) Nitrobenzene-d5	7.67	82	306334	63.28	ng		0.00
41) 2,4,6-Tribromophenol	11.69	330	156440	105.90	ng		0.00
44) 2-Fluorobiphenyl	9.88	172	601904	63.85	ng		0.00
78) Terphenyl-d14	14.54	244	675289	61.42	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.78	88	62116m	33.71	ng		
3) Pyridine	2.43	79	127134m	31.33	ng		
4) n-Nitrosodimethylamine	2.35	42	63062m	31.56	ng		
6) Aniline	6.60	93	104109m	14.86	ng		
8) 2-Chlorophenol	6.71	128	157705m	34.97	ng		
9) Benzaldehyde	6.41	77	15638	3.65	ng		95
10) Phenol	6.58	94	202665m	34.86	ng		
11) bis(2-Chloroethyl)ether	6.66	93	149579	35.57	ng		98
12) 1,3-Dichlorobenzene	6.88	146	157165	31.46	ng		98
13) 1,4-Dichlorobenzene	6.98	146	167883	32.94	ng		99
14) 1,2-Dichlorobenzene	7.16	146	157945	33.37	ng		99
15) Benzyl Alcohol	7.16	79	134516m	37.07	ng		
16) 2,2'-oxybis(1-Chloropropan	7.34	45	215471	35.00	ng		74
17) 2-Methylphenol	7.32	107	124362	35.10	ng		97
18) Hexachloroethane	7.58	117	55956	31.90	ng		95
19) n-Nitroso-di-n-propylamine	7.50	70	118276	34.04	ng	#	90
20) 3+4-Methylphenols	7.52	107	164714	33.83	ng		89
22) Acetophenone	7.48	105	222996	35.57	ng	#	90
24) Nitrobenzene	7.69	77	155856	32.67	ng	#	80
25) Isophorone	7.99	82	303839	34.43	ng		96
26) 2-Nitrophenol	8.08	139	82009	36.30	ng		95
27) 2,4-Dimethylphenol	8.16	122	123011	30.29	ng		94
28) bis(2-Chloroethoxy)methane	8.27	93	196279	35.89	ng		97
29) 2,4-Dichlorophenol	8.40	162	134294	36.10	ng		97
30) 1,2,4-Trichlorobenzene	8.48	180	131410	34.06	ng		93
31) Naphthalene	8.57	128	504109	37.54	ng		98
33) 4-Chloroaniline	8.66	127	132747m	23.66	ng		
34) Hexachlorobutadiene	8.72	225	70017	31.90	ng		98
35) Caprolactam	9.08	113	42977	36.64	ng		97
36) 4-Chloro-3-methylphenol	9.28	107	141634	36.71	ng		91
37) 2-Methylnaphthalene	9.43	142	354132	37.98	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.63	216	127389	33.86	ng	#	100
40) Hexachlorocyclopentadiene	9.61	237	36184	43.24	ng		97
42) 2,4,6-Trichlorophenol	9.79	196	86608	32.97	ng		96

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052815\
Data File : BF079548.D
Acq On : 28 May 2015 17:04
Operator : TP/IZ
Sample : G2386-12MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-8-SSMS

Manual Integrations APPROVED
apatel
5/29/2015 5:12:10 PM

Quant Time: May 29 09:03:27 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF052615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 28 18:41:08 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.84	196	96016	36.72	ng	#	87
45) 1,1'-Biphenyl	10.01	154	381865	36.35	ng		99
46) 2-Chloronaphthalene	10.02	162	284786	34.33	ng		98
47) 2-Nitroaniline	10.17	65	88951	36.06	ng	#	56
48) Acenaphthylene	10.54	152	683489	49.63	ng		99
49) Dimethylphthalate	10.41	163	386825	39.04	ng	#	98
50) 2,6-Dinitrotoluene	10.48	165	74189	37.47	ng	#	79
51) Acenaphthene	10.74	154	271367	34.46	ng		98
52) 3-Nitroaniline	10.69	138	75637	29.37	ng	#	74
53) 2,4-Dinitrophenol	10.83	184	10016	22.99	ng		95
54) Dibenzofuran	10.96	168	433702	37.34	ng		99
55) 4-Nitrophenol	10.93	139	125094m	87.60	ng		
56) 2,4-Dinitrotoluene	10.98	165	98539	37.11	ng	#	70
57) Fluorene	11.38	166	353429	36.92	ng		99
58) 2,3,4,6-Tetrachlorophenol	11.13	232	72702	38.21	ng	#	100
59) Diethylphthalate	11.28	149	350229	36.10	ng		97
60) 4-Chlorophenyl-phenylether	11.39	204	142182	34.37	ng		96
61) 4-Nitroaniline	11.43	138	66720	27.81	ng		97
62) Azobenzene	11.59	77	320363	33.95	ng		98
64) 4,6-Dinitro-2-methylphenol	11.49	198	24840	23.27	ng		81
65) n-Nitrosodiphenylamine	11.55	169	288729	33.70	ng		99
66) 4-Bromophenyl-phenylether	12.00	248	91130	34.31	ng		96
67) Hexachlorobenzene	12.06	284	100999	33.35	ng		98
68) Atrazine	12.23	200	89113	38.51	ng		98
69) Pentachlorophenol	12.32	266	91450	78.83	ng		98
70) Phenanthrene	12.57	178	592739	41.89	ng		100
71) Anthracene	12.63	178	620474	43.19	ng		99
72) Carbazole	12.85	167	494405	35.75	ng		99
73) Di-n-butylphthalate	13.30	149	571579	36.59	ng		99
74) Fluoranthene	14.03	202	803029	52.92	ng		93
76) Benzidine	14.23	184	13728	2.48	ng	#	85
77) Pyrene	14.32	202	865116	54.11	ng		100
79) Butylbenzylphthalate	15.15	149	257566	35.82	ng		97
80) Benzo(a)anthracene	15.82	228	789627m	53.19	ng		
81) 3,3'-Dichlorobenzidine	15.79	252	145338	26.74	ng	#	96
82) Chrysene	15.86	228	668907	47.41	ng		98
83) Bis(2-ethylhexyl)phthalate	15.90	149	1626484	157.91	ng	#	95
84) Di-n-octyl phthalate	16.70	149	718643	40.09	ng	#	99
85) Indeno(1,2,3-cd)pyrene	18.87	276	904277	49.83	ng		99
87) Benzo(b)fluoranthene	17.13	252	1045249m	62.08	ng		
88) Benzo(k)fluoranthene	17.15	252	668198m	44.38	ng		
89) Benzo(a)pyrene	17.51	252	814305	55.61	ng		98
90) Dibenzo(a,h)anthracene	18.89	278	601809	38.75	ng		99
91) Benzo(g,h,i)perylene	19.26	276	780298	50.33	ng	#	94

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052815\
Data File : BF079548.D
Acq On : 28 May 2015 17:04
Operator : TP/IZ
Sample : G2386-12MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: May 29 09:03:27 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF052615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 28 18:41:08 2015
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
TP-8-SSMS

Manual Integrations APPROVED
apatel
5/29/2015 5:12:10 PM