Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090515\
Data File : BF081493.D
Acq On : 6 Sep 2015 6:09
Operator : UM/IZ
Sample : G3519-03MSD
Misc :
ALS Vial : 70 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MGP208BR-23-25MSD

Manual Integrations APPROVED
MMDadoda
9/8/2015 3:57:10 PM

Quant Time: Sep 07 05:32:50 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 07 04:41:53 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.35	152	57749	20.00	ng		-0.01
21) Naphthalene-d8	7.64	136	211936	20.00	ng		-0.01
38) Acenaphthene-d10	9.39	164	102768	20.00	ng		0.00
63) Phenanthrene-d10	10.86	188	200423	20.00	ng		0.00
75) Chrysene-d12	13.46	240	162223	20.00	ng		0.00
86) Perylene-d12	14.77	264	108008	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.91	112	413138	111.00	ng		0.02
7) Phenol-d6	6.03	99	516418	104.82	ng		0.00
23) Nitrobenzene-d5	6.94	82	305480	69.54	ng		-0.01
41) 2,4,6-Tribromophenol	10.18	330	101213	110.61	ng		0.00
44) 2-Fluorobiphenyl	8.73	172	493404	61.53	ng		0.00
78) Terphenyl-d14	12.43	244	438852	62.97	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.75	88	47116	28.19	ng	#	83
3) Pyridine	2.28	79	137122	29.75	ng	#	85
4) n-Nitrosodimethylamine	2.25	42	93292	36.43	ng	#	72
6) Aniline	6.02	93	115933	16.66	ng	#	65
8) 2-Chlorophenol	6.15	128	145067	35.37	ng		95
9) Benzaldehyde	5.90	77	17949	5.81	ng	#	77
10) Phenol	6.04	94	215214	37.67	ng	#	53
11) bis(2-Chloroethyl)ether	6.11	93	151444	36.74	ng		90
12) 1,3-Dichlorobenzene	6.30	146	154475	35.25	ng	#	93
13) 1,4-Dichlorobenzene	6.38	146	157371	35.27	ng	#	92
14) 1,2-Dichlorobenzene	6.52	146	134715	33.53	ng	#	87
15) Benzyl Alcohol	6.52	79	140213	34.69	ng	#	71
16) 2,2'-oxybis(1-Chloropropan	6.66	45	290743	36.80	ng	#	20
17) 2-Methylphenol	6.66	107	123886	37.85	ng	#	74
18) Hexachloroethane	6.87	117	61287	35.30	ng		90
19) n-Nitroso-di-n-propylamine	6.80	70	111634	33.29	ng	#	90
20) 3+4-Methylphenols	6.82	107	160342	36.34	ng		88
22) Acetophenone	6.79	105	219169	37.86	ng	#	77
24) Nitrobenzene	6.96	77	189492	41.54	ng	#	67
25) Isophorone	7.20	82	299294	36.63	ng	#	82
26) 2-Nitrophenol	7.28	139	76653	38.55	ng	#	60
27) 2,4-Dimethylphenol	7.34	122	121837	35.48	ng	#	77
28) bis(2-Chloroethoxy)methane	7.43	93	174270	36.93	ng	#	91
29) 2,4-Dichlorophenol	7.53	162	111392	37.41	ng		98
30) 1,2,4-Trichlorobenzene	7.60	180	125899	38.92	ng		98
31) Naphthalene	7.67	128	401911	35.56	ng		98
32) Benzoic acid	7.45	122	11127	6.84	ng	#	46
33) 4-Chloroaniline	7.74	127	54687	11.86	ng	#	85
34) Hexachlorobutadiene	7.79	225	71802	36.47	ng		97
35) Caprolactam	8.11	113	40409m	44.24	ng		
36) 4-Chloro-3-methylphenol	8.25	107	147067	44.12	ng	#	79
37) 2-Methylnaphthalene	8.36	142	286407	38.94	ng	#	90
39) 1,2,4,5-Tetrachlorobenzene	8.52	216	107741	33.15	ng		98
40) Hexachlorocyclopentadiene	8.51	237	101504	63.64	ng		97

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090515\
Data File : BF081493.D
Acq On : 6 Sep 2015 6:09
Operator : UM/IZ
Sample : G3519-03MSD
Misc :
ALS Vial : 70 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MGP208BR-23-25MSD

Manual Integrations APPROVED
MMDadoda
9/8/2015 3:57:10 PM

Quant Time: Sep 07 05:32:50 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 07 04:41:53 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.65	196	81356	36.27	ng		97
43) 2,4,5-Trichlorophenol	8.70	196	80044	34.98	ng	#	83
45) 1,1'-Biphenyl	8.83	154	320511	33.90	ng		95
46) 2-Chloronaphthalene	8.84	162	251451	36.83	ng	#	89
47) 2-Nitroaniline	8.96	65	103141	37.06	ng	#	82
48) Acenaphthylene	9.24	152	397633	32.83	ng		97
49) Dimethylphthalate	9.15	163	366615	45.92	ng	#	97
50) 2,6-Dinitrotoluene	9.20	165	55534	30.64	ng	#	9
51) Acenaphthene	9.43	154	233636	33.90	ng		92
52) 3-Nitroaniline	9.36	138	35315	17.12	ng	#	38
53) 2,4-Dinitrophenol	9.47	184	26136	34.24	ng	#	2
54) Dibenzofuran	9.60	168	350507	34.84	ng		93
55) 4-Nitrophenol	9.56	139	96716m	74.62	ng		
56) 2,4-Dinitrotoluene	9.60	165	74143	32.13	ng	#	22
57) Fluorene	9.93	166	270357	35.41	ng		98
58) 2,3,4,6-Tetrachlorophenol	9.72	232	70837m	40.55	ng		
59) Diethylphthalate	9.84	149	293112	34.90	ng		95
60) 4-Chlorophenyl-phenylether	9.94	204	125337	35.22	ng		96
61) 4-Nitroaniline	9.98	138	66727	32.01	ng	#	23
62) Azobenzene	10.09	77	322855	34.58	ng		81
64) 4,6-Dinitro-2-methylphenol	10.01	198	33539	29.92	ng	#	76
65) n-Nitrosodiphenylamine	10.06	169	232551	31.89	ng		92
66) 4-Bromophenyl-phenylether	10.42	248	72042	35.55	ng	#	89
67) Hexachlorobenzene	10.47	284	70452	33.25	ng	#	62
68) Atrazine	10.59	200	76934	36.45	ng		81
69) Pentachlorophenol	10.67	266	75954	74.33	ng		99
70) Phenanthrene	10.88	178	412727	37.04	ng		97
71) Anthracene	10.92	178	370203	32.34	ng		99
72) Carbazole	11.10	167	407064	37.89	ng		96
73) Di-n-butylphthalate	11.45	149	478068	37.69	ng	#	98
74) Fluoranthene	12.05	202	387040	32.09	ng		91
76) Benzidine	12.19	184	153911	22.10	ng		97
77) Pyrene	12.27	202	455076	37.87	ng		98
79) Butylbenzylphthalate	12.93	149	197935	37.87	ng		97
80) Benzo(a)anthracene	13.45	228	335145	32.44	ng		97
81) 3,3'-Dichlorobenzidine	13.43	252	65078	18.67	ng	#	95
82) Chrysene	13.49	228	263904	28.50	ng		95
83) Bis(2-ethylhexyl)phthalate	13.49	149	248608	36.05	ng	#	88
84) Di-n-octyl phthalate	14.09	149	384306	33.84	ng		95
85) Indeno(1,2,3-cd)pyrene	15.84	276	238445	35.09	ng	#	86
87) Benzo(b)fluoranthene	14.45	252	302552m	39.24	ng		
88) Benzo(k)fluoranthene	14.47	252	189787m	29.66	ng		
89) Benzo(a)pyrene	14.72	252	228055	34.90	ng	#	86
90) Dibenzo(a,h)anthracene	15.85	278	196696	38.96	ng	#	80
91) Benzo(g,h,i)perylene	16.16	276	195429	40.55	ng	#	74

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090515\
Data File : BF081493.D
Acq On : 6 Sep 2015 6:09
Operator : UM/IZ
Sample : G3519-03MSD
Misc :
ALS Vial : 70 Sample Multiplier: 1

Quant Time: Sep 07 05:32:50 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 07 04:41:53 2015
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
MGP208BR-23-25MSD

Manual Integrations APPROVED
MMDadoda
9/8/2015 3:57:10 PM