Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122215\
Data File : BF084015.D
Acq On : 23 Dec 2015 3:48
Operator : UM/SJ
Sample : G4916-07MSD
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
20151214MGP209BRV46.5MSD

Manual Integrations APPROVED
apatel
12/23/2015 4:31:49 PM

Quant Time: Dec 23 04:55:11 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 22 18:54:09 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	42894	20.00	ng		0.00
21) Naphthalene-d8	8.11	136	167254	20.00	ng		0.00
38) Acenaphthene-d10	9.87	164	86955	20.00	ng		0.00
63) Phenanthrene-d10	11.36	188	169434	20.00	ng		0.00
75) Chrysene-d12	14.00	240	155997	20.00	ng		0.00
86) Perylene-d12	15.43	264	111045	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	166322	66.11	ng		0.01
7) Phenol-d6	6.48	99	135233	45.72	ng		0.00
23) Nitrobenzene-d5	7.40	82	290559	106.72	ng		0.01
41) 2,4,6-Tribromophenol	10.67	330	137918	164.90	ng		0.01
44) 2-Fluorobiphenyl	9.20	172	593803	91.90	ng		0.00
78) Terphenyl-d14	12.94	244	631492	96.54	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.44	88	16552	13.82	ng	#	95
3) Pyridine	3.18	79	40493m	14.85	ng		
4) n-Nitrosodimethylamine	3.10	42	20610	20.34	ng		94
6) Aniline	6.49	93	113738	27.78	ng		95
8) 2-Chlorophenol	6.62	128	115003	39.70	ng		87
9) Benzaldehyde	6.37	77	55202	27.94	ng		96
10) Phenol	6.49	94	54811	16.02	ng	#	19
11) bis(2-Chloroethyl)ether	6.57	93	125156	47.86	ng		96
12) 1,3-Dichlorobenzene	6.77	146	139151	43.23	ng		99
13) 1,4-Dichlorobenzene	6.84	146	137938	43.89	ng		97
14) 1,2-Dichlorobenzene	7.00	146	139820	46.54	ng		98
15) Benzyl Alcohol	6.98	79	78054	33.51	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.12	45	119997	47.53	ng		92
17) 2-Methylphenol	7.10	107	73466	31.84	ng	#	86
18) Hexachloroethane	7.34	117	50506	43.82	ng	#	90
19) n-Nitroso-di-n-propylamine	7.24	70	95737	53.41	ng	#	85
20) 3+4-Methylphenols	7.25	107	89347	31.37	ng	#	59
22) Acetophenone	7.24	105	195029	49.70	ng	#	91
24) Nitrobenzene	7.41	77	144724	51.58	ng		98
25) Isophorone	7.65	82	253736	49.18	ng		100
26) 2-Nitrophenol	7.73	139	76417	50.60	ng		92
27) 2,4-Dimethylphenol	7.78	122	113896	43.27	ng		97
28) bis(2-Chloroethoxy)methane	7.87	93	164854	51.59	ng		98
29) 2,4-Dichlorophenol	7.98	162	113088	48.09	ng		95
30) 1,2,4-Trichlorobenzene	8.05	180	110819	45.18	ng		98
31) Naphthalene	8.13	128	392487	45.94	ng		99
32) Benzoic acid	7.88	122	15461	16.61	ng		86
33) 4-Chloroaniline	8.19	127	144833	41.45	ng	#	93
34) Hexachlorobutadiene	8.26	225	68102	46.45	ng		100
35) Caprolactam	8.57	113	5320	7.53	ng	#	79
36) 4-Chloro-3-methylphenol	8.68	107	120797	48.03	ng		94
37) 2-Methylnaphthalene	8.83	142	294947	53.30	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.00	216	127099	48.62	ng		99
40) Hexachlorocyclopentadiene	8.99	237	67086	80.99	ng		96

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122215\
Data File : BF084015.D
Acq On : 23 Dec 2015 3:48
Operator : UM/SJ
Sample : G4916-07MSD
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
20151214MGP209BRV46.5MSD

Manual Integrations APPROVED
apatel
12/23/2015 4:31:49 PM

Quant Time: Dec 23 04:55:11 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 22 18:54:09 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	80560	51.18	ng		99
43) 2,4,5-Trichlorophenol	9.16	196	83124	50.74	ng		95
45) 1,1'-Biphenyl	9.30	154	363111	47.24	ng		96
46) 2-Chloronaphthalene	9.32	162	277757	50.19	ng		93
47) 2-Nitroaniline	9.41	65	69653	46.17	ng		93
48) Acenaphthylene	9.73	152	433393	49.45	ng		99
49) Dimethylphthalate	9.61	163	344278	50.60	ng	#	91
50) 2,6-Dinitrotoluene	9.66	165	77576	54.02	ng		98
51) Acenaphthene	9.90	154	256296	49.19	ng		99
52) 3-Nitroaniline	9.82	138	57609	37.77	ng		95
53) 2,4-Dinitrophenol	9.94	184	57579	92.33	ng	#	63
54) Dibenzofuran	10.08	168	371020	47.57	ng		91
55) 4-Nitrophenol	10.01	139	31648	35.31	ng		88
56) 2,4-Dinitrotoluene	10.06	165	92993	51.51	ng	#	90
57) Fluorene	10.42	166	299951	48.54	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.20	232	69997	54.18	ng		95
59) Diethylphthalate	10.29	149	343427	51.36	ng		96
60) 4-Chlorophenyl-phenylether	10.41	204	131998	46.61	ng	#	80
61) 4-Nitroaniline	10.44	138	59797	38.32	ng		96
62) Azobenzene	10.57	77	317968	53.86	ng		90
64) 4,6-Dinitro-2-methylphenol	10.48	198	46612	47.06	ng	#	63
65) n-Nitrosodiphenylamine	10.53	169	283381	45.28	ng		100
66) 4-Bromophenyl-phenylether	10.90	248	90066	46.36	ng	#	76
67) Hexachlorobenzene	10.97	284	96525	45.52	ng	#	68
68) Atrazine	11.06	200	84686	44.76	ng		99
69) Pentachlorophenol	11.17	266	76371	96.74	ng		98
70) Phenanthrene	11.38	178	435067	45.43	ng		98
71) Anthracene	11.44	178	485154	49.89	ng		100
72) Carbazole	11.58	167	406517	44.70	ng		99
73) Di-n-butylphthalate	11.92	149	551371	48.83	ng	#	98
74) Fluoranthene	12.57	202	483349	50.90	ng		98
76) Benzidine	12.68	184	135054	24.28	ng		99
77) Pyrene	12.80	202	495827	46.85	ng		99
79) Butylbenzylphthalate	13.41	149	267807	55.01	ng		93
80) Benzo(a)anthracene	13.99	228	424194	47.16	ng		100
81) 3,3'-Dichlorobenzidine	13.94	252	86911	25.69	ng	#	92
82) Chrysene	14.02	228	364902	43.70	ng		100
83) Bis(2-ethylhexyl)phthalate	13.97	149	353124	52.31	ng	#	98
84) Di-n-octyl phthalate	14.58	149	567183	54.64	ng		99
85) Indeno(1,2,3-cd)pyrene	16.84	276	310588	44.96	ng		99
87) Benzo(b)fluoranthene	15.01	252	340398m	48.62	ng		
88) Benzo(k)fluoranthene	15.05	252	379805m	57.05	ng		
89) Benzo(a)pyrene	15.37	252	330159	50.92	ng	#	98
90) Dibenzo(a,h)anthracene	16.84	278	263641	49.07	ng	#	95
91) Benzo(g,h,i)perylene	17.27	276	253663	46.68	ng		96

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122215\
Data File : BF084015.D
Acq On : 23 Dec 2015 3:48
Operator : UM/SJ
Sample : G4916-07MSD
Misc :
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Dec 23 04:55:11 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 22 18:54:09 2015
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
20151214MGP209BRV46.5MSD

Manual Integrations APPROVED
apatel
12/23/2015 4:31:49 PM