Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081815\
Data File : BF081048.D
Acq On : 18 Aug 2015 18:09
Operator : UM/IZ
Sample : PB85025BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB85025BS

Manual Integrations APPROVED
MMDadoda
8/19/2015 2:18:01 PM

Quant Time: Aug 19 01:19:45 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 17 17:57:25 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	50918	20.00	ng		-0.02
21) Naphthalene-d8	7.90	136	215818	20.00	ng		-0.01
38) Acenaphthene-d10	9.64	164	96787	20.00	ng		-0.01
63) Phenanthrene-d10	11.11	188	207805	20.00	ng		-0.02
75) Chrysene-d12	13.74	240	176072	20.00	ng		-0.01
86) Perylene-d12	15.07	264	168529	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.19	112	377514	111.52	ng		0.00
7) Phenol-d6	6.26	99	517190	117.09	ng		0.00
23) Nitrobenzene-d5	7.18	82	293155	62.05	ng		-0.01
41) 2,4,6-Tribromophenol	10.42	330	89875	107.12	ng		-0.02
44) 2-Fluorobiphenyl	8.97	172	477391	64.63	ng		-0.02
78) Terphenyl-d14	12.70	244	606868	73.89	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.07	88	41584	26.07	ng		98
3) Pyridine	2.70	79	135324	30.05	ng		89
4) n-Nitrosodimethylamine	2.64	42	77409	30.88	ng	#	82
6) Aniline	6.26	93	153095	23.84	ng	#	45
8) 2-Chlorophenol	6.39	128	130150	35.12	ng		99
9) Benzaldehyde	6.15	77	57438	20.17	ng		85
10) Phenol	6.27	94	174324	33.42	ng	#	77
11) bis(2-Chloroethyl)ether	6.35	93	146520	36.60	ng		96
12) 1,3-Dichlorobenzene	6.55	146	131593	33.05	ng		98
13) 1,4-Dichlorobenzene	6.63	146	131306	33.31	ng		99
14) 1,2-Dichlorobenzene	6.78	146	128123	34.72	ng		97
15) Benzyl Alcohol	6.76	79	128771	36.03	ng	#	92
16) 2,2'-oxybis(1-Chloropropan	6.90	45	271974	34.58	ng		99
17) 2-Methylphenol	6.88	107	105297	33.12	ng		96
18) Hexachloroethane	7.12	117	52026	32.66	ng		98
19) n-Nitroso-di-n-propylamine	7.04	70	109118	35.66	ng		88
20) 3+4-Methylphenols	7.04	107	145539	36.07	ng	#	45
22) Acetophenone	7.03	105	194077	34.25	ng	#	89
24) Nitrobenzene	7.20	77	166285	33.66	ng		94
25) Isophorone	7.44	82	270134	30.66	ng		98
26) 2-Nitrophenol	7.52	139	67795	33.00	ng	#	61
27) 2,4-Dimethylphenol	7.56	122	124594	34.28	ng		94
28) bis(2-Chloroethoxy)methane	7.66	93	160992	30.93	ng		99
29) 2,4-Dichlorophenol	7.76	162	110279	36.04	ng		91
30) 1,2,4-Trichlorobenzene	7.84	180	108875	32.02	ng		99
31) Naphthalene	7.92	128	390732	32.48	ng		100
32) Benzoic acid	7.69	122	85172	41.66	ng		92
33) 4-Chloroaniline	7.96	127	78617	15.49	ng		99
34) Hexachlorobutadiene	8.04	225	63358	32.95	ng		95
35) Caprolactam	8.34	113	40578m	37.95	ng		
36) 4-Chloro-3-methylphenol	8.46	107	129522	35.52	ng		96
37) 2-Methylnaphthalene	8.60	142	246085	32.38	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.78	216	103980	33.30	ng		98
40) Hexachlorocyclopentadiene	8.76	237	122775	75.96	ng		99

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081815\
Data File : BF081048.D
Acq On : 18 Aug 2015 18:09
Operator : UM/IZ
Sample : PB85025BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB85025BS

Manual Integrations APPROVED
MMDadoda
8/19/2015 2:18:01 PM

Quant Time: Aug 19 01:19:45 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 17 17:57:25 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.89	196	78665	35.66	ng		97
43) 2,4,5-Trichlorophenol	8.92	196	79147	35.90	ng	#	89
45) 1,1'-Biphenyl	9.07	154	332180	38.96	ng		99
46) 2-Chloronaphthalene	9.08	162	219881	32.10	ng	#	89
47) 2-Nitroaniline	9.19	65	89318	31.87	ng		98
48) Acenaphthylene	9.50	152	364425	29.74	ng		98
49) Dimethylphthalate	9.38	163	303753	38.11	ng		99
50) 2,6-Dinitrotoluene	9.44	165	65480	38.26	ng		92
51) Acenaphthene	9.67	154	264359	36.04	ng		99
52) 3-Nitroaniline	9.60	138	52847	24.68	ng		92
53) 2,4-Dinitrophenol	9.71	184	79806	82.80	ng	#	45
54) Dibenzofuran	9.84	168	328383	33.41	ng		91
55) 4-Nitrophenol	9.77	139	100527	66.83	ng	#	83
56) 2,4-Dinitrotoluene	9.84	165	91206	40.21	ng		97
57) Fluorene	10.18	166	256126	33.87	ng		100
58) 2,3,4,6-Tetrachlorophenol	9.96	232	66883m	39.19	ng		
59) Diethylphthalate	10.08	149	334190	39.61	ng		97
60) 4-Chlorophenyl-phenylether	10.18	204	123811	38.70	ng		98
61) 4-Nitroaniline	10.22	138	76752	35.06	ng	#	76
62) Azobenzene	10.34	77	374642	38.54	ng		96
64) 4,6-Dinitro-2-methylphenol	10.24	198	46568	37.52	ng		88
65) n-Nitrosodiphenylamine	10.31	169	249138	33.59	ng		97
66) 4-Bromophenyl-phenylether	10.67	248	68699	33.65	ng		96
67) Hexachlorobenzene	10.73	284	72716	35.17	ng		94
68) Atrazine	10.83	200	72654	35.15	ng		99
69) Pentachlorophenol	10.92	266	93645	75.49	ng		98
70) Phenanthrene	11.13	178	389344	31.61	ng		100
71) Anthracene	11.19	178	445755	37.20	ng		99
72) Carbazole	11.35	167	449595	38.97	ng		99
73) Di-n-butylphthalate	11.69	149	541020	38.75	ng		99
74) Fluoranthene	12.31	202	432829	32.57	ng		92
76) Benzidine	12.44	184	281856	42.38	ng		99
77) Pyrene	12.54	202	468712	32.75	ng		100
79) Butylbenzylphthalate	13.18	149	260036	42.26	ng	#	83
80) Benzo(a)anthracene	13.73	228	438720	37.15	ng		99
81) 3,3'-Dichlorobenzidine	13.69	252	96448	25.22	ng		97
82) Chrysene	13.76	228	437684	41.13	ng		99
83) Bis(2-ethylhexyl)phthalate	13.74	149	350254	44.44	ng	#	99
84) Di-n-octyl phthalate	14.34	149	601890	50.25	ng		99
85) Indeno(1,2,3-cd)pyrene	16.30	276	354501	47.45	ng	#	94
87) Benzo(b)fluoranthene	14.72	252	449194m	37.68	ng		
88) Benzo(k)fluoranthene	14.74	252	308664m	27.79	ng		
89) Benzo(a)pyrene	15.03	252	379908	36.58	ng		98
90) Dibenzo(a,h)anthracene	16.32	278	292978	36.20	ng		100
91) Benzo(g,h,i)perylene	16.66	276	278153	33.88	ng	#	90

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081815\
Data File : BF081048.D
Acq On : 18 Aug 2015 18:09
Operator : UM/IZ
Sample : PB85025BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Aug 19 01:19:45 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 17 17:57:25 2015
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB85025BS

Manual Integrations APPROVED
MMDadoda
8/19/2015 2:18:01 PM