Quantitation Report (QT Reviewed)

Data Path : V:\HPCHEM1\BNA F\DATA\BF112115\
Data File : BF083134.D
Acq On : 22 Nov 2015 3:03
Operator : UM/IZ
Sample : PB86810BS
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB86810BS

Manual Integrations APPROVED
Mmdadoda
11/23/2015 7:01:42 PM

Quant Time: Nov 22 09:49:22 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Nov 22 09:22:46 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	199218	20.00	ng		-0.01
21) Naphthalene-d8	7.94	136	746622	20.00	ng		-0.01
38) Acenaphthene-d10	9.69	164	378911	20.00	ng		-0.01
63) Phenanthrene-d10	11.16	188	739141	20.00	ng		-0.01
75) Chrysene-d12	13.78	240	657332	20.00	ng		-0.02
86) Perylene-d12	15.15	264	572123	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.27	112	204512	15.52	ng		-0.01
7) Phenol-d6	6.32	99	265439	15.57	ng		-0.02
23) Nitrobenzene-d5	7.22	82	163875	10.03	ng		-0.01
41) 2,4,6-Tribromophenol	10.47	330	57642	14.87	ng		-0.02
44) 2-Fluorobiphenyl	9.02	172	316637	11.65	ng		-0.01
78) Terphenyl-d14	12.74	244	322887	11.57	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.19	88	32965	5.05	ng	#	90
3) Pyridine	3.05	79	54854	3.18	ng	#	85
4) n-Nitrosodimethylamine	2.86	42	35032	4.41	ng	#	93
6) Aniline	6.33	93	65967	3.17	ng	#	43
8) 2-Chlorophenol	6.44	128	70915	4.98	ng		94
9) Benzaldehyde	6.20	77	43419	3.10	ng		96
10) Phenol	6.33	94	104335	5.06	ng		97
11) bis(2-Chloroethyl)ether	6.39	93	79242	5.38	ng		92
12) 1,3-Dichlorobenzene	6.59	146	77074m	4.74	ng		
13) 1,4-Dichlorobenzene	6.67	146	76630	4.66	ng		93
14) 1,2-Dichlorobenzene	6.82	146	79101	5.29	ng		97
15) Benzyl Alcohol	6.82	79	64571	4.53	ng		97
16) 2,2'-oxybis(1-Chloropropan	6.95	45	131293	5.72	ng	#	66
17) 2-Methylphenol	6.94	107	60190	5.11	ng		95
18) Hexachloroethane	7.16	117	27419	4.73	ng		91
19) n-Nitroso-di-n-propylamine	7.07	70	53074	4.47	ng	#	93
20) 3+4-Methylphenols	7.11	107	77339	5.19	ng		97
22) Acetophenone	7.07	105	105068	4.90	ng	#	98
24) Nitrobenzene	7.24	77	81186	4.65	ng		94
25) Isophorone	7.48	82	136037	4.40	ng	#	93
26) 2-Nitrophenol	7.56	139	31828	4.13	ng		97
27) 2,4-Dimethylphenol	7.62	122	62049	5.04	ng		92
28) bis(2-Chloroethoxy)methane	7.70	93	91741	5.10	ng		99
29) 2,4-Dichlorophenol	7.82	162	59036	5.05	ng		100
30) 1,2,4-Trichlorobenzene	7.88	180	63905	4.97	ng		98
31) Naphthalene	7.96	128	203559	5.05	ng		98
32) Benzoic acid	7.71	122	32163	3.36	ng		91
33) 4-Chloroaniline	8.03	127	53852	3.44	ng	#	89
34) Hexachlorobutadiene	8.09	225	36946	4.86	ng		96
35) Caprolactam	8.39	113	14151	3.77	ng		94
36) 4-Chloro-3-methylphenol	8.52	107	57630	4.25	ng		95
37) 2-Methylnaphthalene	8.65	142	134816	5.16	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.82	216	60797	4.95	ng		99
40) Hexachlorocyclopentadiene	8.81	237	57132	8.18	ng		99

Quantitation Report (QT Reviewed)

Data Path : V:\HPCHEM1\BNA F\DATA\BF112115\
Data File : BF083134.D
Acq On : 22 Nov 2015 3:03
Operator : UM/IZ
Sample : PB86810BS
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB86810BS

Manual Integrations APPROVED
Mmdadoda
11/23/2015 7:01:42 PM

Quant Time: Nov 22 09:49:22 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Nov 22 09:22:46 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.95	196	37279	4.24	ng		94
43) 2,4,5-Trichlorophenol	8.98	196	44133	4.91	ng	#	84
45) 1,1'-Biphenyl	9.12	154	167247	5.19	ng		98
46) 2-Chloronaphthalene	9.14	162	124406	4.91	ng		97
47) 2-Nitroaniline	9.24	65	40139	4.48	ng		88
48) Acenaphthylene	9.54	152	199566	5.08	ng		97
49) Dimethylphthalate	9.43	163	141683	4.86	ng		99
50) 2,6-Dinitrotoluene	9.48	165	28638	4.38	ng	#	64
51) Acenaphthene	9.71	154	119887	5.02	ng		97
52) 3-Nitroaniline	9.66	138	27585	3.95	ng	#	81
53) 2,4-Dinitrophenol	9.76	184	22579	5.99	ng		94
54) Dibenzofuran	9.90	168	187261	5.54	ng		96
55) 4-Nitrophenol	9.84	139	40027	7.48	ng		95
56) 2,4-Dinitrotoluene	9.88	165	38303	4.62	ng	#	80
57) Fluorene	10.23	166	143616	5.14	ng		97
58) 2,3,4,6-Tetrachlorophenol	10.02	232	35553m	4.82	ng		
59) Diethylphthalate	10.12	149	135702	4.67	ng		99
60) 4-Chlorophenyl-phenylether	10.23	204	69922	5.47	ng		96
61) 4-Nitroaniline	10.26	138	28717	4.18	ng		98
62) Azobenzene	10.39	77	178933	5.40	ng		96
64) 4,6-Dinitro-2-methylphenol	10.28	198	18910	3.71	ng		93
65) n-Nitrosodiphenylamine	10.35	169	120927	4.81	ng		97
66) 4-Bromophenyl-phenylether	10.72	248	38463	4.69	ng		95
67) Hexachlorobenzene	10.78	284	47349	5.24	ng		93
68) Atrazine	10.88	200	36919	5.06	ng		94
69) Pentachlorophenol	10.98	266	45045	7.66	ng		94
70) Phenanthrene	11.19	178	227184	5.33	ng		97
71) Anthracene	11.23	178	231530	5.33	ng		96
72) Carbazole	11.40	167	192821	4.99	ng	#	95
73) Di-n-butylphthalate	11.75	149	208426	4.42	ng	#	96
74) Fluoranthene	12.37	202	228240	5.24	ng		99
76) Benzidine	12.50	184	89478	5.19	ng		99
77) Pyrene	12.59	202	239277	5.33	ng		96
79) Butylbenzylphthalate	13.23	149	86678	4.08	ng	#	82
80) Benzo(a)anthracene	13.77	228	206919	5.09	ng		97
81) 3,3'-Dichlorobenzidine	13.75	252	46732	3.30	ng	#	96
82) Chrysene	13.82	228	190097	5.04	ng		95
83) Bis(2-ethylhexyl)phthalate	13.79	149	133758	4.82	ng		100
84) Di-n-octyl phthalate	14.40	149	216050	4.52	ng		98
85) Indeno(1,2,3-cd)pyrene	16.41	276	155208	4.53	ng		96
87) Benzo(b)fluoranthene	14.78	252	173825m	4.45	ng		
88) Benzo(k)fluoranthene	14.80	252	173621m	5.96	ng		
89) Benzo(a)pyrene	15.10	252	162115	5.02	ng	#	97
90) Dibenzo(a,h)anthracene	16.42	278	134736	4.60	ng	#	96
91) Benzo(g,h,i)perylene	16.79	276	126234	4.41	ng		97

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

Quantitation Report (QT Reviewed)

Data Path : V:\HPCHEM1\BNA F\DATA\BF112115\
Data File : BF083134.D
Acq On : 22 Nov 2015 3:03
Operator : UM/IZ
Sample : PB86810BS
Misc :
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Nov 22 09:49:22 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Nov 22 09:22:46 2015
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB86810BS

Manual Integrations APPROVED
Mmdadoda
11/23/2015 7:01:42 PM