Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060416\
Data File : BF087674.D
Acq On : 4 Jun 2016 19:16
Operator : UM/SJ
Sample : PB91070BS
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB91070BS

Manual Integrations APPROVED
SOHIL
6/6/2016 7:18:33 PM

Quant Time: Jun 05 01:47:55 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 04 11:07:28 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	115618	20.00	ng		-0.01
21) Naphthalene-d8	8.15	136	487880	20.00	ng		0.00
38) Acenaphthene-d10	9.90	164	223067	20.00	ng		-0.01
63) Phenanthrene-d10	11.38	188	415047	20.00	ng		0.00
75) Chrysene-d12	14.02	240	307456	20.00	ng		0.00
86) Perylene-d12	15.44	264	279900	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	662415	92.60	ng		0.01
7) Phenol-d6	6.49	99	926296	103.26	ng		0.00
23) Nitrobenzene-d5	7.43	82	564035	66.89	ng		0.00
41) 2,4,6-Tribromophenol	10.68	330	214678	95.87	ng		0.00
44) 2-Fluorobiphenyl	9.22	172	984898	62.40	ng		-0.01
78) Terphenyl-d14	12.97	244	892205	70.81	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.57	88	90952	26.31	ng	#	22
3) Pyridine	3.28	79	280607	30.72	ng		97
4) n-Nitrosodimethylamine	3.22	42	122402	31.72	ng		98
6) Aniline	6.51	93	204855	16.11	ng		96
8) 2-Chlorophenol	6.64	128	258823	31.44	ng		100
9) Benzaldehyde	6.40	77	18993	3.13	ng		89
10) Phenol	6.50	94	361231	35.36	ng		98
11) bis(2-Chloroethyl)ether	6.59	93	219901	29.63	ng		98
12) 1,3-Dichlorobenzene	6.80	146	280821	31.86	ng		98
13) 1,4-Dichlorobenzene	6.88	146	293447	33.18	ng		98
14) 1,2-Dichlorobenzene	7.03	146	254147m	30.66	ng		
15) Benzyl Alcohol	7.00	79	182723m	27.57	ng		
16) 2,2'-oxybis(1-Chloropropan	7.14	45	340838	31.49	ng		97
17) 2-Methylphenol	7.11	107	226957	34.34	ng		98
18) Hexachloroethane	7.37	117	101936	32.96	ng	#	82
19) n-Nitroso-di-n-propylamine	7.28	70	190012	33.91	ng		93
20) 3+4-Methylphenols	7.27	107	284090	35.08	ng	#	89
22) Acetophenone	7.27	105	338299	30.61	ng	#	83
24) Nitrobenzene	7.44	77	254126	30.11	ng		88
25) Isophorone	7.68	82	499178	32.52	ng		97
26) 2-Nitrophenol	7.76	139	135581	34.57	ng		93
27) 2,4-Dimethylphenol	7.80	122	266313	32.77	ng		100
28) bis(2-Chloroethoxy)methane	7.90	93	293232	30.11	ng		98
29) 2,4-Dichlorophenol	8.00	162	219731	32.92	ng		98
30) 1,2,4-Trichlorobenzene	8.09	180	238933	34.19	ng		99
31) Naphthalene	8.17	128	817467	34.46	ng		99
32) Benzoic acid	7.91	122	153126	31.23	ng		99
33) 4-Chloroaniline	8.22	127	114273	11.09	ng	#	94
34) Hexachlorobutadiene	8.30	225	118041	32.48	ng		99
35) Caprolactam	8.58	113	74558m	34.00	ng		
36) 4-Chloro-3-methylphenol	8.70	107	222963	32.29	ng		97
37) 2-Methylnaphthalene	8.86	142	485516	30.99	ng	#	97
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	213235	34.69	ng	#	1
40) Hexachlorocyclopentadiene	9.02	237	233377	64.54	ng		100

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060416\
Data File : BF087674.D
Acq On : 4 Jun 2016 19:16
Operator : UM/SJ
Sample : PB91070BS
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB91070BS

Manual Integrations APPROVED
SOHIL
6/6/2016 7:18:33 PM

Quant Time: Jun 05 01:47:55 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 04 11:07:28 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	141438	30.46	ng		100
43) 2,4,5-Trichlorophenol	9.18	196	164025	37.96	ng	#	92
45) 1,1'-Biphenyl	9.32	154	597640	33.01	ng		99
46) 2-Chloronaphthalene	9.35	162	472834	32.81	ng		99
47) 2-Nitroaniline	9.44	65	140707	34.68	ng		97
48) Acenaphthylene	9.76	152	741083	32.98	ng		100
49) Dimethylphthalate	9.63	163	560208	34.54	ng		98
50) 2,6-Dinitrotoluene	9.69	165	127531	34.56	ng		90
51) Acenaphthene	9.93	154	513521	35.51	ng		99
52) 3-Nitroaniline	9.85	138	77837	18.44	ng		86
53) 2,4-Dinitrophenol	9.95	184	115307	69.40	ng		95
54) Dibenzofuran	10.10	168	661441	33.60	ng	#	89
55) 4-Nitrophenol	10.01	139	252626	70.04	ng	#	82
56) 2,4-Dinitrotoluene	10.09	165	185638	39.51	ng		96
57) Fluorene	10.44	166	479287	31.14	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.23	232	127913	34.37	ng	#	54
59) Diethylphthalate	10.33	149	554715	34.06	ng		99
60) 4-Chlorophenyl-phenylether	10.44	204	223666	34.39	ng		97
61) 4-Nitroaniline	10.47	138	139636	34.42	ng		91
62) Azobenzene	10.60	77	603848	36.83	ng		97
64) 4,6-Dinitro-2-methylphenol	10.49	198	85221	37.40	ng		88
65) n-Nitrosodiphenylamine	10.56	169	445088	32.74	ng		100
66) 4-Bromophenyl-phenylether	10.94	248	145720	35.41	ng		93
67) Hexachlorobenzene	10.99	284	149967	32.59	ng		96
68) Atrazine	11.08	200	125730	31.22	ng		91
69) Pentachlorophenol	11.19	266	192796	70.50	ng		99
70) Phenanthrene	11.40	178	704111	31.29	ng		100
71) Anthracene	11.46	178	803106	35.62	ng		99
72) Carbazole	11.61	167	714357	33.47	ng		100
73) Di-n-butylphthalate	11.95	149	872968	38.15	ng		99
74) Fluoranthene	12.59	202	795308	35.91	ng		98
76) Benzidine	12.71	184	190234	15.69	ng		99
77) Pyrene	12.82	202	830508	37.93	ng		100
79) Butylbenzylphthalate	13.45	149	361298	38.78	ng		99
80) Benzo(a)anthracene	14.01	228	632975	35.67	ng		99
81) 3,3'-Dichlorobenzidine	13.97	252	99950	19.97	ng	#	94
82) Chrysene	14.05	228	669699	37.92	ng		99
83) Bis(2-ethylhexyl)phthalate	14.01	149	434473	39.18	ng	#	99
84) Di-n-octyl phthalate	14.62	149	762462	36.99	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.83	276	527599	36.14	ng	#	100
87) Benzo(b)fluoranthene	15.03	252	671144m	36.86	ng		
88) Benzo(k)fluoranthene	15.06	252	462796m	30.55	ng		
89) Benzo(a)pyrene	15.38	252	525074	34.31	ng		99
90) Dibenzo(a,h)anthracene	16.86	278	441093	33.87	ng		98
91) Benzo(g,h,i)perylene	17.26	276	442442	33.67	ng		97

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060416\
Data File : BF087674.D
Acq On : 4 Jun 2016 19:16
Operator : UM/SJ
Sample : PB91070BS
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Jun 05 01:47:55 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 04 11:07:28 2016
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB91070BS

Manual Integrations APPROVED
SOHIL
6/6/2016 7:18:33 PM