Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042016\
Data File : BF086311.D
Acq On : 20 Apr 2016 16:21
Operator : UM/SJ
Sample : PB89932BS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB89932BS

Manual Integrations APPROVED
sohil
4/21/2016 7:09:52 PM

Quant Time: Apr 21 01:19:29 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 20 15:45:26 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	264829	20.00	ng		-0.03
21) Naphthalene-d8	8.14	136	1069378	20.00	ng		-0.03
38) Acenaphthene-d10	9.90	164	479702	20.00	ng		-0.03
63) Phenanthrene-d10	11.39	188	793316	20.00	ng		-0.02
75) Chrysene-d12	14.02	240	430611	20.00	ng		-0.03
86) Perylene-d12	15.44	264	451300	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	1694658	111.65	ng		-0.01
7) Phenol-d6	6.50	99	2131676	107.32	ng		-0.02
23) Nitrobenzene-d5	7.42	82	1487606	79.67	ng		-0.03
41) 2,4,6-Tribromophenol	10.69	330	427821	114.42	ng		-0.03
44) 2-Fluorobiphenyl	9.23	172	2231164	90.10	ng		-0.03
78) Terphenyl-d14	12.97	244	1434805	79.31	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	2.56	88	259389	31.55	ng		98
3) Pyridine	3.28	79	690265	32.79	ng		97
4) n-Nitrosodimethylamine	3.22	42	270996	37.36	ng	#	70
6) Aniline	6.53	93	389752	14.58	ng	#	89
8) 2-Chlorophenol	6.65	128	665071	36.89	ng		90
9) Benzaldehyde	6.41	77	162523	11.54	ng		97
10) Phenol	6.51	94	871345	38.28	ng		99
11) bis(2-Chloroethyl)ether	6.60	93	733835	36.91	ng		90
12) 1,3-Dichlorobenzene	6.81	146	728384m	36.82	ng		
13) 1,4-Dichlorobenzene	6.88	146	752745	35.61	ng		99
14) 1,2-Dichlorobenzene	7.04	146	679755	36.25	ng		98
15) Benzyl Alcohol	7.01	79	499976	40.51	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.15	45	1062573	37.98	ng		92
17) 2-Methylphenol	7.12	107	583173	38.70	ng		99
18) Hexachloroethane	7.38	117	257315	40.84	ng		100
19) n-Nitroso-di-n-propylamine	7.28	70	452105	37.58	ng	#	82
20) 3+4-Methylphenols	7.28	107	645321	39.48	ng	#	79
22) Acetophenone	7.28	105	888410	39.55	ng	#	88
24) Nitrobenzene	7.45	77	740977	37.09	ng		98
25) Isophorone	7.69	82	1354738	38.29	ng		99
26) 2-Nitrophenol	7.77	139	390071	43.66	ng	#	76
27) 2,4-Dimethylphenol	7.80	122	676496	38.60	ng		96
28) bis(2-Chloroethoxy)methane	7.90	93	892221	43.12	ng		99
29) 2,4-Dichlorophenol	8.01	162	587226	42.49	ng		97
30) 1,2,4-Trichlorobenzene	8.09	180	573603	38.48	ng		99
31) Naphthalene	8.17	128	1960159	38.45	ng		99
32) Benzoic acid	7.93	122	406131	39.00	ng		96
33) 4-Chloroaniline	8.22	127	184387	8.74	ng		93
34) Hexachlorobutadiene	8.29	225	285515	38.00	ng		99
35) Caprolactam	8.59	113	191241	42.73	ng	#	69
36) 4-Chloro-3-methylphenol	8.70	107	619204	39.85	ng		95
37) 2-Methylnaphthalene	8.86	142	1269859	40.34	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	467912	36.65	ng		96
40) Hexachlorocyclopentadiene	9.01	237	309780	98.34	ng		99

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042016\
Data File : BF086311.D
Acq On : 20 Apr 2016 16:21
Operator : UM/SJ
Sample : PB89932BS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB89932BS

Manual Integrations APPROVED
sohil
4/21/2016 7:09:52 PM

Quant Time: Apr 21 01:19:29 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 20 15:45:26 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	346473	39.12	ng		97
43) 2,4,5-Trichlorophenol	9.18	196	412605	42.77	ng	#	91
45) 1,1'-Biphenyl	9.33	154	1481051	39.31	ng		95
46) 2-Chloronaphthalene	9.36	162	1167095	40.88	ng		93
47) 2-Nitroaniline	9.45	65	401122	41.34	ng		86
48) Acenaphthylene	9.77	152	1805720	40.51	ng		99
49) Dimethylphthalate	9.63	163	1365151	37.38	ng		99
50) 2,6-Dinitrotoluene	9.69	165	298035	39.66	ng	#	72
51) Acenaphthene	9.94	154	1139732	43.58	ng		98
52) 3-Nitroaniline	9.86	138	150798	15.78	ng		86
53) 2,4-Dinitrophenol	9.96	184	189538	117.43	ng		90
54) Dibenzofuran	10.11	168	1520536	42.76	ng		95
55) 4-Nitrophenol	10.02	139	478020	80.66	ng		89
56) 2,4-Dinitrotoluene	10.09	165	375530	40.20	ng	#	64
57) Fluorene	10.45	166	1100220	41.76	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.22	232	285220	44.06	ng	#	99
59) Diethylphthalate	10.33	149	1302030	36.54	ng		98
60) 4-Chlorophenyl-phenylether	10.44	204	461379	37.81	ng		92
61) 4-Nitroaniline	10.48	138	298891	33.41	ng	#	81
62) Azobenzene	10.60	77	1442605	41.06	ng		96
64) 4,6-Dinitro-2-methylphenol	10.50	198	133478	52.81	ng	#	62
65) n-Nitrosodiphenylamine	10.57	169	1062668	40.66	ng		99
66) 4-Bromophenyl-phenylether	10.93	248	318410	37.35	ng	#	90
67) Hexachlorobenzene	11.00	284	335738	39.24	ng	#	70
68) Atrazine	11.09	200	326246	40.61	ng		96
69) Pentachlorophenol	11.20	266	356540	79.56	ng		97
70) Phenanthrene	11.41	178	1564812	41.62	ng		99
71) Anthracene	11.46	178	1583913	39.34	ng		99
72) Carbazole	11.62	167	1574068	41.32	ng		98
73) Di-n-butylphthalate	11.95	149	1922086	39.18	ng		100
74) Fluoranthene	12.59	202	1322786	37.95	ng		100
76) Benzidine	12.72	184	497471	26.17	ng		97
77) Pyrene	12.82	202	1288017	40.32	ng		99
79) Butylbenzylphthalate	13.45	149	734238	43.54	ng		99
80) Benzo(a)anthracene	14.01	228	994554	43.85	ng		99
81) 3,3'-Dichlorobenzidine	13.97	252	282764	18.02	ng	#	97
82) Chrysene	14.04	228	890458	36.32	ng		99
83) Bis(2-ethylhexyl)phthalate	14.01	149	805761	40.81	ng		99
84) Di-n-octyl phthalate	14.61	149	1486661	41.78	ng		98
85) Indeno(1,2,3-cd)pyrene	16.84	276	1046555	41.51	ng		97
87) Benzo(b)fluoranthene	15.04	252	1065511	40.82	ng		99
88) Benzo(k)fluoranthene	15.06	252	959278m	43.65	ng		
89) Benzo(a)pyrene	15.39	252	1005038	41.77	ng	#	96
90) Dibenzo(a,h)anthracene	16.87	278	876416	41.73	ng		99
91) Benzo(g,h,i)perylene	17.27	276	844265	41.93	ng		97

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042016\
Data File : BF086311.D
Acq On : 20 Apr 2016 16:21
Operator : UM/SJ
Sample : PB89932BS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Apr 21 01:19:29 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 20 15:45:26 2016
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB89932BS

Manual Integrations APPROVED
sohil
4/21/2016 7:09:52 PM