Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111615\
Data File : BF082943.D
Acq On : 16 Nov 2015 17:33
Operator : UM/IZ
Sample : PB86620BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB86620BS

Manual Integrations APPROVED
mmdadoda
11/17/2015 5:55:59 PM

Quant Time: Nov 17 07:11:19 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Nov 07 02:32:49 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	196084	20.00	ng		-0.07
21) Naphthalene-d8	8.08	136	788193	20.00	ng		-0.07
38) Acenaphthene-d10	9.82	164	394976	20.00	ng		-0.07
63) Phenanthrene-d10	11.31	188	777170	20.00	ng		-0.07
75) Chrysene-d12	13.95	240	641370	20.00	ng		-0.07
86) Perylene-d12	15.36	264	606793	20.00	ng		-0.10
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	1316289	104.45	ng		-0.05
7) Phenol-d6	6.44	99	1763324	105.25	ng		-0.03
23) Nitrobenzene-d5	7.36	82	1236428	68.26	ng		-0.06
41) 2,4,6-Tribromophenol	10.62	330	479457	105.87	ng		-0.06
44) 2-Fluorobiphenyl	9.15	172	1895428	68.78	ng		-0.07
78) Terphenyl-d14	12.90	244	2023155	74.82	ng		-0.07
Target Compounds							Qvalue
2) 1,4-Dioxane	2.40	88	170274	31.31	ng		96
3) Pyridine	3.09	79	566482	35.90	ng		97
4) n-Nitrosodimethylamine	3.04	42	246985	31.56	ng	#	76
6) Aniline	6.45	93	441748	18.78	ng	#	2
8) 2-Chlorophenol	6.58	128	499075	35.72	ng		91
9) Benzaldehyde	6.33	77	23919	2.58	ng		82
10) Phenol	6.45	94	530494	27.91	ng	#	71
11) bis(2-Chloroethyl)ether	6.52	93	464769	32.69	ng		95
12) 1,3-Dichlorobenzene	6.73	146	537304	34.10	ng	#	88
13) 1,4-Dichlorobenzene	6.81	146	531947m	32.45	ng		
14) 1,2-Dichlorobenzene	6.96	146	486309	32.62	ng		97
15) Benzyl Alcohol	6.93	79	447854	30.44	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.07	45	767122	36.79	ng		59
17) 2-Methylphenol	7.06	107	400134	33.81	ng		97
18) Hexachloroethane	7.30	117	189334	32.29	ng		99
19) n-Nitroso-di-n-propylamine	7.21	70	374252	30.39	ng		91
20) 3+4-Methylphenols	7.22	107	538863	35.03	ng	#	60
22) Acetophenone	7.20	105	708081	31.35	ng	#	98
24) Nitrobenzene	7.37	77	536778	28.98	ng	#	89
25) Isophorone	7.62	82	1079364	32.20	ng		96
26) 2-Nitrophenol	7.69	139	244179	31.58	ng	#	76
27) 2,4-Dimethylphenol	7.74	122	471573	33.94	ng		93
28) bis(2-Chloroethoxy)methane	7.82	93	631784	33.42	ng	#	97
29) 2,4-Dichlorophenol	7.94	162	420978	33.53	ng		88
30) 1,2,4-Trichlorobenzene	8.02	180	456758	32.35	ng		96
31) Naphthalene	8.10	128	1430513	32.90	ng		98
32) Benzoic acid	7.87	122	297448	31.27	ng		88
33) 4-Chloroaniline	8.14	127	254268	13.57	ng	#	91
34) Hexachlorobutadiene	8.22	225	283367	32.07	ng		98
35) Caprolactam	8.52	113	145508m	36.76	ng		
36) 4-Chloro-3-methylphenol	8.65	107	457776	31.00	ng		92
37) 2-Methylnaphthalene	8.78	142	875934	31.14	ng		96
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	410119	31.60	ng		97
40) Hexachlorocyclopentadiene	8.94	237	493271	70.74	ng		100

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111615\
Data File : BF082943.D
Acq On : 16 Nov 2015 17:33
Operator : UM/IZ
Sample : PB86620BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 17 07:11:19 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Nov 07 02:32:49 2015
Response via : Initial Calibration

Instrument : BNA_F
ClientSampleId : PB86620BS

Manual Integrations APPROVED
mmdadoda
11/17/2015 5:55:59 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.07	196	301643	31.13	ng		98
43) 2,4,5-Trichlorophenol	9.13	196	313668m	32.73	ng		
45) 1,1'-Biphenyl	9.25	154	1108899	32.72	ng		96
46) 2-Chloronaphthalene	9.28	162	888531	33.61	ng		99
47) 2-Nitroaniline	9.37	65	325611	33.20	ng		91
48) Acenaphthylene	9.69	152	1340221	32.35	ng		99
49) Dimethylphthalate	9.56	163	1122506	34.69	ng		99
50) 2,6-Dinitrotoluene	9.62	165	257840	37.34	ng	#	84
51) Acenaphthene	9.86	154	958670	36.51	ng		100
52) 3-Nitroaniline	9.78	138	124285	16.37	ng		91
53) 2,4-Dinitrophenol	9.89	184	285026	75.18	ng	#	19
54) Dibenzofuran	10.03	168	1232561	34.81	ng		94
55) 4-Nitrophenol	9.97	139	405417	69.59	ng		88
56) 2,4-Dinitrotoluene	10.02	165	302598	32.30	ng		98
57) Fluorene	10.37	166	905247	31.57	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.16	232	261511	33.44	ng		90
59) Diethylphthalate	10.26	149	1046172	33.11	ng		98
60) 4-Chlorophenyl-phenylether	10.37	204	509616	35.52	ng		97
61) 4-Nitroaniline	10.40	138	230951	30.24	ng	#	82
62) Azobenzene	10.53	77	1334502	39.32	ng		95
64) 4,6-Dinitro-2-methylphenol	10.43	198	192882	34.84	ng		97
65) n-Nitrosodiphenylamine	10.49	169	845960	30.13	ng		99
66) 4-Bromophenyl-phenylether	10.85	248	291875	31.19	ng	#	70
67) Hexachlorobenzene	10.92	284	307577	29.44	ng	#	88
68) Atrazine	11.02	200	310526	35.77	ng		97
69) Pentachlorophenol	11.13	266	376881	59.40	ng		99
70) Phenanthrene	11.33	178	1426702	31.61	ng		99
71) Anthracene	11.39	178	1620724	34.09	ng		98
72) Carbazole	11.54	167	1283012	30.83	ng		98
73) Di-n-butylphthalate	11.88	149	1735392	33.47	ng		98
74) Fluoranthene	12.52	202	1633422	33.73	ng		98
76) Benzidine	12.64	184	510100	23.73	ng		99
77) Pyrene	12.75	202	1702832	38.66	ng		98
79) Butylbenzylphthalate	13.37	149	748300	38.46	ng		92
80) Benzo(a)anthracene	13.93	228	1434451	35.77	ng		98
81) 3,3'-Dichlorobenzidine	13.91	252	355209	24.91	ng	#	95
82) Chrysene	13.97	228	1410987	38.41	ng		99
83) Bis(2-ethylhexyl)phthalate	13.94	149	989073	37.14	ng		99
84) Di-n-octyl phthalate	14.56	149	1654692	37.25	ng		99
85) Indeno(1,2,3-cd)pyrene	16.72	276	1167262	36.90	ng	#	95
87) Benzo(b)fluoranthene	14.97	252	1364154m	35.02	ng		
88) Benzo(k)fluoranthene	14.99	252	1049049m	30.36	ng		
89) Benzo(a)pyrene	15.31	252	1203180	35.66	ng	#	98
90) Dibenzo(a,h)anthracene	16.74	278	972909	34.05	ng		98
91) Benzo(g,h,i)perylene	17.13	276	957299	34.98	ng	#	96

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111615\
Data File : BF082943.D
Acq On : 16 Nov 2015 17:33
Operator : UM/IZ
Sample : PB86620BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 17 07:11:19 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Nov 07 02:32:49 2015
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB86620BS

Manual Integrations APPROVED
mmdadoda
11/17/2015 5:55:59 PM