Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021116\
Data File : BF085016.D
Acq On : 11 Feb 2016 13:57
Operator : SJ/IZ
Sample : PB88282BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB88282BS

Manual Integrations APPROVED
Sohil
2/12/2016 12:26:05 PM

Quant Time: Feb 11 18:27:21 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 10 13:28:51 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	141403	20.00	ng		-0.02
21) Naphthalene-d8	7.90	136	589283	20.00	ng		-0.02
38) Acenaphthene-d10	9.64	164	281585	20.00	ng		-0.02
63) Phenanthrene-d10	11.13	188	535349	20.00	ng		-0.01
75) Chrysene-d12	13.76	240	393306	20.00	ng		-0.01
86) Perylene-d12	15.12	264	292185	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.20	112	747167	82.30	ng		0.00
7) Phenol-d6	6.27	99	1009801	89.72	ng		-0.01
23) Nitrobenzene-d5	7.19	82	896165	85.67	ng		-0.01
41) 2,4,6-Tribromophenol	10.44	330	273096	92.98	ng		-0.01
44) 2-Fluorobiphenyl	8.98	172	1545305	97.02	ng		-0.01
78) Terphenyl-d14	12.72	244	1584969	91.32	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.14	88	138989	34.95	ng	#	77
3) Pyridine	2.76	79	428188	41.33	ng	#	73
4) n-Nitrosodimethylamine	2.73	42	216177	40.34	ng		84
6) Aniline	6.27	93	202189	14.68	ng	#	54
8) 2-Chlorophenol	6.40	128	440284	42.85	ng		98
9) Benzaldehyde	6.15	77	112433	16.92	ng		96
10) Phenol	6.28	94	586083	46.49	ng		88
11) bis(2-Chloroethyl)ether	6.35	93	378902	38.54	ng		84
12) 1,3-Dichlorobenzene	6.55	146	434503	40.02	ng	#	96
13) 1,4-Dichlorobenzene	6.63	146	444527	40.96	ng		95
14) 1,2-Dichlorobenzene	6.78	146	370092	36.61	ng		96
15) Benzyl Alcohol	6.76	79	341355	43.92	ng		90
16) 2,2'-oxybis(1-Chloropropan	6.90	45	621658	37.59	ng		85
17) 2-Methylphenol	6.89	107	329187	40.51	ng	#	89
18) Hexachloroethane	7.12	117	166611	39.86	ng		95
19) n-Nitroso-di-n-propylamine	7.04	70	284496	40.33	ng	#	72
20) 3+4-Methylphenols	7.05	107	438554	43.48	ng		89
22) Acetophenone	7.03	105	599214	38.58	ng	#	99
24) Nitrobenzene	7.20	77	397327	35.47	ng		95
25) Isophorone	7.45	82	814879	40.06	ng		97
26) 2-Nitrophenol	7.52	139	215575	39.02	ng	#	83
27) 2,4-Dimethylphenol	7.58	122	391393	40.73	ng		94
28) bis(2-Chloroethoxy)methane	7.67	93	536589	44.47	ng		99
29) 2,4-Dichlorophenol	7.77	162	360350	43.82	ng		99
30) 1,2,4-Trichlorobenzene	7.84	180	365869	39.40	ng		95
31) Naphthalene	7.92	128	1138803	38.53	ng		99
32) Benzoic acid	7.72	122	240084	39.06	ng		97
33) 4-Chloroaniline	7.98	127	94161	7.70	ng		96
34) Hexachlorobutadiene	8.04	225	215633	40.27	ng		97
35) Caprolactam	8.36	113	119218m	47.04	ng		
36) 4-Chloro-3-methylphenol	8.48	107	394189	42.02	ng		94
37) 2-Methylnaphthalene	8.62	142	859739	46.47	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.78	216	326502	36.51	ng		98
40) Hexachlorocyclopentadiene	8.76	237	283789	74.12	ng		98

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021116\
Data File : BF085016.D
Acq On : 11 Feb 2016 13:57
Operator : SJ/IZ
Sample : PB88282BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB88282BS

Manual Integrations APPROVED
Sohil
2/12/2016 12:26:05 PM

Quant Time: Feb 11 18:27:21 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 10 13:28:51 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.90	196	246085	42.71	ng		97
43) 2,4,5-Trichlorophenol	8.95	196	250265	42.75	ng	#	91
45) 1,1'-Biphenyl	9.08	154	988010	39.28	ng		94
46) 2-Chloronaphthalene	9.10	162	692684	37.40	ng		96
47) 2-Nitroaniline	9.21	65	253217	43.18	ng	#	62
48) Acenaphthylene	9.51	152	1097133	39.03	ng		99
49) Dimethylphthalate	9.39	163	879465	41.01	ng	#	91
50) 2,6-Dinitrotoluene	9.45	165	178689	38.14	ng	#	57
51) Acenaphthene	9.68	154	674250	36.87	ng		96
52) 3-Nitroaniline	9.61	138	68685	13.05	ng		93
53) 2,4-Dinitrophenol	9.74	184	184488	84.93	ng		88
54) Dibenzofuran	9.86	168	1025123	45.87	ng		99
55) 4-Nitrophenol	9.80	139	238936	61.75	ng	#	75
56) 2,4-Dinitrotoluene	9.86	165	259934	43.50	ng	#	81
57) Fluorene	10.19	166	759049	40.67	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.99	232	210074	47.14	ng	#	85
59) Diethylphthalate	10.09	149	844122	40.31	ng		99
60) 4-Chlorophenyl-phenylether	10.19	204	352010	44.87	ng		95
61) 4-Nitroaniline	10.24	138	212340	41.39	ng	#	75
62) Azobenzene	10.35	77	922209	45.80	ng		91
64) 4,6-Dinitro-2-methylphenol	10.26	198	127111	38.47	ng	#	61
65) n-Nitrosodiphenylamine	10.32	169	729718	42.93	ng		99
66) 4-Bromophenyl-phenylether	10.68	248	256625	43.40	ng		99
67) Hexachlorobenzene	10.74	284	258611	40.14	ng	#	89
68) Atrazine	10.86	200	266882	49.71	ng		97
69) Pentachlorophenol	10.95	266	241609	79.79	ng		99
70) Phenanthrene	11.15	178	1229133	41.40	ng		98
71) Anthracene	11.21	178	1258587	42.07	ng		99
72) Carbazole	11.37	167	1178222	45.16	ng		98
73) Di-n-butylphthalate	11.70	149	1300613	39.16	ng	#	97
74) Fluoranthene	12.33	202	1173510	39.05	ng		99
76) Benzidine	12.47	184	319396	23.87	ng		97
77) Pyrene	12.56	202	1188374	39.46	ng		99
79) Butylbenzylphthalate	13.20	149	574889	42.08	ng	#	92
80) Benzo(a)anthracene	13.75	228	1010565	41.40	ng		99
81) 3,3'-Dichlorobenzidine	13.71	252	97027	11.23	ng	#	96
82) Chrysene	13.78	228	800171	33.80	ng		99
83) Bis(2-ethylhexyl)phthalate	13.76	149	668572	39.33	ng		97
84) Di-n-octyl phthalate	14.37	149	1005032	35.83	ng	#	90
85) Indeno(1,2,3-cd)pyrene	16.37	276	778250	41.77	ng		98
87) Benzo(b)fluoranthene	14.75	252	902633m	45.98	ng		
88) Benzo(k)fluoranthene	14.78	252	613798m	37.81	ng		
89) Benzo(a)pyrene	15.06	252	693334	41.45	ng	#	97
90) Dibenzo(a,h)anthracene	16.38	278	634765	45.08	ng		98
91) Benzo(g,h,i)perylene	16.74	276	670532	47.27	ng		98

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021116\
Data File : BF085016.D
Acq On : 11 Feb 2016 13:57
Operator : SJ/IZ
Sample : PB88282BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Feb 11 18:27:21 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 10 13:28:51 2016
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB88282BS

Manual Integrations APPROVED
Sohil
2/12/2016 12:26:05 PM