Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020316\
Data File : BF084791.D
Acq On : 3 Feb 2016 18:17
Operator : SJ/IZ
Sample : PB88149BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB88149BS

Manual Integrations APPROVED
mohammad
2/4/2016 2:04:33 PM

Quant Time: Feb 04 00:44:48 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 03 14:16:01 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	176164	20.00	ng		0.00
21) Naphthalene-d8	7.97	136	719756	20.00	ng		0.00
38) Acenaphthene-d10	9.73	164	345066	20.00	ng		0.00
63) Phenanthrene-d10	11.21	188	637099	20.00	ng		0.00
75) Chrysene-d12	13.84	240	460208	20.00	ng		0.00
86) Perylene-d12	15.21	264	358872	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.29	112	1257349	111.17	ng		0.01
7) Phenol-d6	6.35	99	1648489	117.57	ng		0.01
23) Nitrobenzene-d5	7.26	82	1047625	81.99	ng		0.00
41) 2,4,6-Tribromophenol	10.52	330	451362	125.40	ng		0.00
44) 2-Fluorobiphenyl	9.06	172	1748865	85.51	ng		0.00
78) Terphenyl-d14	12.80	244	1774092	87.36	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.27	88	160591	32.42	ng	#	74
3) Pyridine	2.92	79	504363	39.07	ng	#	67
4) n-Nitrosodimethylamine	2.89	42	262135	39.27	ng		85
6) Aniline	6.35	93	435385	25.38	ng	#	61
8) 2-Chlorophenol	6.48	128	512067	40.00	ng		97
9) Benzaldehyde	6.22	77	186352	22.51	ng		92
10) Phenol	6.36	94	584665	37.22	ng		89
11) bis(2-Chloroethyl)ether	6.43	93	450645m	36.79	ng		
12) 1,3-Dichlorobenzene	6.62	146	499623	36.94	ng	#	94
13) 1,4-Dichlorobenzene	6.70	146	514185	38.03	ng		95
14) 1,2-Dichlorobenzene	6.85	146	438232	34.80	ng		94
15) Benzyl Alcohol	6.84	79	384418	39.70	ng		91
16) 2,2'-oxybis(1-Chloropropan	6.98	45	725616	35.22	ng		88
17) 2-Methylphenol	6.97	107	406285	40.13	ng	#	92
18) Hexachloroethane	7.20	117	196331	37.70	ng		93
19) n-Nitroso-di-n-propylamine	7.12	70	329155	37.45	ng	#	77
20) 3+4-Methylphenols	7.12	107	484988	38.59	ng	#	76
22) Acetophenone	7.10	105	683092	36.01	ng		99
24) Nitrobenzene	7.28	77	468586	34.25	ng		96
25) Isophorone	7.53	82	927571	37.33	ng		95
26) 2-Nitrophenol	7.60	139	274324	40.65	ng	#	88
27) 2,4-Dimethylphenol	7.64	122	447288	38.11	ng		97
28) bis(2-Chloroethoxy)methane	7.73	93	548874	37.24	ng		98
29) 2,4-Dichlorophenol	7.85	162	405472	40.37	ng		92
30) 1,2,4-Trichlorobenzene	7.92	180	406238	35.81	ng		96
31) Naphthalene	8.00	128	1328384	36.79	ng		99
32) Benzoic acid	7.79	122	282634	37.65	ng		95
33) 4-Chloroaniline	8.05	127	203429	13.62	ng		93
34) Hexachlorobutadiene	8.12	225	251511	38.45	ng		98
35) Caprolactam	8.43	113	128779m	41.60	ng		
36) 4-Chloro-3-methylphenol	8.56	107	472094	41.21	ng		98
37) 2-Methylnaphthalene	8.69	142	967281	42.81	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.85	216	355942	32.48	ng		98
40) Hexachlorocyclopentadiene	8.84	237	361412	76.19	ng		95

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020316\
Data File : BF084791.D
Acq On : 3 Feb 2016 18:17
Operator : SJ/IZ
Sample : PB88149BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB88149BS

Manual Integrations APPROVED
mohammad
2/4/2016 2:04:33 PM

Quant Time: Feb 04 00:44:48 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 03 14:16:01 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.98	196	277020	39.24	ng		96
43) 2,4,5-Trichlorophenol	9.02	196	276741	38.58	ng		93
45) 1,1'-Biphenyl	9.15	154	1052124	34.14	ng		98
46) 2-Chloronaphthalene	9.17	162	804294	35.44	ng		95
47) 2-Nitroaniline	9.28	65	250043	34.79	ng		98
48) Acenaphthylene	9.58	152	1252511	36.36	ng		98
49) Dimethylphthalate	9.47	163	1054539	40.12	ng	#	91
50) 2,6-Dinitrotoluene	9.53	165	235028	40.94	ng	#	84
51) Acenaphthene	9.76	154	797409	35.59	ng		98
52) 3-Nitroaniline	9.69	138	122424	18.98	ng		98
53) 2,4-Dinitrophenol	9.80	184	207651	78.48	ng	#	85
54) Dibenzofuran	9.94	168	1164609	42.52	ng		99
55) 4-Nitrophenol	9.87	139	320178	67.53	ng	#	77
56) 2,4-Dinitrotoluene	9.93	165	268186	36.62	ng	#	80
57) Fluorene	10.27	166	853973	37.34	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.05	232	209896	38.44	ng		96
59) Diethylphthalate	10.17	149	1023646	39.89	ng		97
60) 4-Chlorophenyl-phenylether	10.27	204	399211	40.88	ng		97
61) 4-Nitroaniline	10.30	138	213165	33.91	ng		93
62) Azobenzene	10.43	77	1043750	42.30	ng		91
64) 4,6-Dinitro-2-methylphenol	10.34	198	170890	43.46	ng		88
65) n-Nitrosodiphenylamine	10.40	169	836665	41.36	ng		99
66) 4-Bromophenyl-phenylether	10.76	248	288420	40.99	ng		97
67) Hexachlorobenzene	10.82	284	287929	37.55	ng	#	89
68) Atrazine	10.92	200	249910	39.12	ng		99
69) Pentachlorophenol	11.03	266	290305	80.56	ng		99
70) Phenanthrene	11.23	178	1289643	36.50	ng		97
71) Anthracene	11.29	178	1439090	40.42	ng		99
72) Carbazole	11.45	167	1295840	41.74	ng		98
73) Di-n-butylphthalate	11.78	149	1390027	35.17	ng	#	96
74) Fluoranthene	12.42	202	1462993	40.91	ng		93
76) Benzidine	12.55	184	558025	34.20	ng		98
77) Pyrene	12.64	202	1385297	39.32	ng		99
79) Butylbenzylphthalate	13.28	149	672778	42.09	ng	#	85
80) Benzo(a)anthracene	13.83	228	1147059	40.16	ng		99
81) 3,3'-Dichlorobenzidine	13.79	252	192606	19.04	ng	#	93
82) Chrysene	13.86	228	1020151	36.83	ng		100
83) Bis(2-ethylhexyl)phthalate	13.84	149	830525	41.75	ng	#	96
84) Di-n-octyl phthalate	14.44	149	1291210	39.34	ng	#	89
85) Indeno(1,2,3-cd)pyrene	16.50	276	847894	38.89	ng		98
87) Benzo(b)fluoranthene	14.83	252	868240m	36.01	ng		
88) Benzo(k)fluoranthene	14.87	252	910291m	45.66	ng		
89) Benzo(a)pyrene	15.15	252	810878	39.47	ng	#	95
90) Dibenzo(a,h)anthracene	16.51	278	709473	41.02	ng		98
91) Benzo(g,h,i)perylene	16.89	276	720471	41.36	ng		98

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020316\
Data File : BF084791.D
Acq On : 3 Feb 2016 18:17
Operator : SJ/IZ
Sample : PB88149BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Feb 04 00:44:48 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 03 14:16:01 2016
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB88149BS

Manual Integrations APPROVED
mohammad
2/4/2016 2:04:33 PM