Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080516\
Data File : BF089642.D
Acq On : 5 Aug 2016 21:41
Operator : UM/SJ
Sample : H4346-04MS
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LOCATION-46D-9-11MS

Manual Integrations APPROVED
umangi
8/8/2016 9:19:25 AM

Quant Time: Aug 06 00:14:34 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 05 01:39:23 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	43796	20.00	ng		0.00
21) Naphthalene-d8	9.47	136	179609	20.00	ng		0.00
38) Acenaphthene-d10	12.30	164	76378	20.00	ng		0.00
63) Phenanthrene-d10	14.70	188	111654	20.00	ng		0.00
75) Chrysene-d12	18.39	240	84513	20.00	ng		0.00
86) Perylene-d12	20.05	264	73398	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.35	112	405781	155.29	ng		0.04
7) Phenol-d6	7.00	99	520785	146.92	ng		0.02
23) Nitrobenzene-d5	8.36	82	336488	103.62	ng		0.00
41) 2,4,6-Tribromophenol	13.60	330	83793	132.94	ng		0.01
44) 2-Fluorobiphenyl	11.26	172	539844	91.86	ng		0.00
78) Terphenyl-d14	17.05	244	322704	75.38	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.82	88	48616	32.45	ng	#	89
3) Pyridine	2.38	79	136145	49.46	ng		97
4) n-Nitrosodimethylamine	2.35	42	59475	49.31	ng		99
6) Aniline	6.95	93	93252	20.30	ng		99
8) 2-Chlorophenol	7.13	128	165585	51.62	ng		97
9) Benzaldehyde	6.74	77	67032	52.12	ng		92
10) Phenol	7.02	94	200021	54.96	ng		100
11) bis(2-Chloroethyl)ether	7.10	93	150712	48.20	ng		99
12) 1,3-Dichlorobenzene	7.35	146	164263	47.14	ng		99
13) 1,4-Dichlorobenzene	7.47	146	162207	46.68	ng		98
14) 1,2-Dichlorobenzene	7.70	146	160282	43.76	ng		100
15) Benzyl Alcohol	7.74	79	139939	60.21	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.95	45	185198	46.51	ng		94
17) 2-Methylphenol	7.95	107	125901	54.34	ng		92
18) Hexachloroethane	8.23	117	58120	39.69	ng		99
19) n-Nitroso-di-n-propylamine	8.17	70	124599	48.66	ng		94
20) 3+4-Methylphenols	8.22	107	164666	56.31	ng		98
22) Acetophenone	8.12	105	198867	46.45	ng		95
24) Nitrobenzene	8.39	77	163676	53.07	ng		100
25) Isophorone	8.79	82	316073	50.83	ng		100
26) 2-Nitrophenol	8.89	139	76827	54.28	ng		97
27) 2,4-Dimethylphenol	9.04	122	134092	52.69	ng		97
28) bis(2-Chloroethoxy)methane	9.18	93	197728	52.56	ng		100
29) 2,4-Dichlorophenol	9.31	162	122545	50.89	ng		96
30) 1,2,4-Trichlorobenzene	9.40	180	132084	48.03	ng		99
31) Naphthalene	9.51	128	455495	47.71	ng		100
32) Benzoic acid	9.28	122	8860	5.54	ng		91
33) 4-Chloroaniline	9.67	127	27267	7.61	ng	#	88
34) Hexachlorobutadiene	9.74	225	69085	43.63	ng		97
35) Caprolactam	10.27	113	37770m	53.82	ng		
36) 4-Chloro-3-methylphenol	10.52	107	139894	49.98	ng		99
37) 2-Methylnaphthalene	10.64	142	283326	48.26	ng		97
39) 1,2,4,5-Tetrachlorobenzene	10.91	216	108067	37.65	ng		99
40) Hexachlorocyclopentadiene	10.89	237	17680	24.83	ng		99

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080516\
Data File : BF089642.D
Acq On : 5 Aug 2016 21:41
Operator : UM/SJ
Sample : H4346-04MS
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LOCATION-46D-9-11MS

Manual Integrations APPROVED
umangi
8/8/2016 9:19:25 AM

Quant Time: Aug 06 00:14:34 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 05 01:39:23 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	11.13	196	79325	56.02	ng		97
43) 2,4,5-Trichlorophenol	11.21	196	85633	56.59	ng		99
45) 1,1'-Biphenyl	11.40	154	298298	43.31	ng		99
46) 2-Chloronaphthalene	11.42	162	250467	48.50	ng		99
47) 2-Nitroaniline	11.63	65	85348	51.27	ng		88
48) Acenaphthylene	12.07	152	400094	47.03	ng		100
49) Dimethylphthalate	11.97	163	581398	97.12	ng		99
50) 2,6-Dinitrotoluene	12.06	165	64965	54.58	ng		93
51) Acenaphthene	12.35	154	230350	46.88	ng		100
52) 3-Nitroaniline	12.31	138	38478	27.03	ng	#	93
53) 2,4-Dinitrophenol	12.53	184	9931	27.91	ng		90
54) Dibenzofuran	12.64	168	341359	50.54	ng		98
55) 4-Nitrophenol	12.69	139	67112m	104.99	ng		
56) 2,4-Dinitrotoluene	12.71	165	83250	49.73	ng		87
57) Fluorene	13.20	166	266360	46.13	ng		100
58) 2,3,4,6-Tetrachlorophenol	12.88	232	61845	53.83	ng		96
59) Diethylphthalate	13.11	149	305692	49.38	ng		99
60) 4-Chlorophenyl-phenylether	13.22	204	123978	46.83	ng		95
61) 4-Nitroaniline	13.31	138	45812	35.79	ng		99
62) Azobenzene	13.49	77	313651	52.38	ng		99
64) 4,6-Dinitro-2-methylphenol	13.37	198	15344	25.31	ng		89
65) n-Nitrosodiphenylamine	13.44	169	229597	60.88	ng		99
66) 4-Bromophenyl-phenylether	14.01	248	65810	60.94	ng		99
67) Hexachlorobenzene	14.08	284	58895	49.57	ng	#	84
68) Atrazine	14.35	200	66280	62.95	ng		99
69) Pentachlorophenol	14.42	266	53421	103.74	ng		99
70) Phenanthrene	14.73	178	315194	51.92	ng		99
71) Anthracene	14.81	178	329527	50.62	ng		99
72) Carbazole	15.11	167	296520	54.66	ng		99
73) Di-n-butylphthalate	15.70	149	400189	54.54	ng		100
74) Fluoranthene	16.49	202	285795	45.79	ng		98
76) Benzidine	16.73	184	130754	51.04	ng		99
77) Pyrene	16.80	202	295579	39.56	ng		98
79) Butylbenzylphthalate	17.73	149	140541	44.20	ng		94
80) Benzo(a)anthracene	18.38	228	236322	48.67	ng		99
81) 3,3'-Dichlorobenzidine	18.37	252	78980	51.63	ng	#	97
82) Chrysene	18.42	228	245411	48.17	ng		100
83) Bis(2-ethylhexyl)phthalate	18.48	149	199039	45.21	ng	#	97
84) Di-n-octyl phthalate	19.25	149	346566	54.70	ng		99
85) Indeno(1,2,3-cd)pyrene	21.23	276	179445	46.39	ng		100
87) Benzo(b)fluoranthene	19.65	252	215544m	47.75	ng		
88) Benzo(k)fluoranthene	19.68	252	243103m	53.38	ng		
89) Benzo(a)pyrene	20.00	252	210572	49.82	ng		97
90) Dibenzo(a,h)anthracene	21.25	278	156087	39.53	ng		99
91) Benzo(g,h,i)perylene	21.57	276	144207	35.68	ng		100

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080516\
Data File : BF089642.D
Acq On : 5 Aug 2016 21:41
Operator : UM/SJ
Sample : H4346-04MS
Misc :
ALS Vial : 47 Sample Multiplier: 1

Quant Time: Aug 06 00:14:34 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 05 01:39:23 2016
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
LOCATION-46D-9-11MS

Manual Integrations APPROVED
umangi
8/8/2016 9:19:25 AM