Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100417\
Data File : BF099085.D
Acq On : 4 Oct 2017 23:48
Operator : SJ/JU
Sample : I5644-13MS
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-14-COMPMS

Manual Integrations APPROVED
Sohil
10/5/2017 6:15:41 PM

Quant Time: Oct 05 05:37:41 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 23 13:50:58 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	129207	20.00	ng		-0.06
21) Naphthalene-d8	8.15	136	540850	20.00	ng		-0.06
38) Acenaphthene-d10	9.90	164	243801	20.00	ng		-0.06
63) Phenanthrene-d10	11.39	188	421597	20.00	ng		-0.05
75) Chrysene-d12	14.03	240	274026	20.00	ng		-0.06
86) Perylene-d12	15.50	264	212546	20.00	ng		-0.08
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	720321	88.75	ng		-0.05
7) Phenol-d6	6.50	99	879559	87.84	ng		-0.05
23) Nitrobenzene-d5	7.43	82	526006	62.37	ng		-0.06
41) 2,4,6-Tribromophenol	10.69	330	173192	86.82	ng		-0.06
44) 2-Fluorobiphenyl	9.22	172	939620	64.34	ng		-0.06
78) Terphenyl-d14	12.97	244	789701	65.54	ng		-0.06
Target Compounds							Qvalue
2) 1,4-Dioxane	2.69	88	96256	24.826	ng		96
3) Pyridine	3.56	79	24355	2.322	ng		90
4) n-Nitrosodimethylamine	3.41	42	118789	26.708	ng		89
6) Aniline	6.53	93	170961	12.651	ng		99
8) 2-Chlorophenol	6.65	128	268113	29.169	ng		95
9) Benzaldehyde	6.42	77	134287	23.121	ng		96
10) Phenol	6.51	94	346269	30.923	ng		94
11) bis(2-Chloroethyl)ether	6.60	93	247483	28.429	ng		97
12) 1,3-Dichlorobenzene	6.80	146	276003	28.672	ng		98
13) 1,4-Dichlorobenzene	6.88	146	277558	28.340	ng		99
14) 1,2-Dichlorobenzene	7.03	146	263044	29.067	ng		99
15) Benzyl Alcohol	7.00	79	223786	30.466	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.14	45	375805	27.708	ng		98
17) 2-Methylphenol	7.12	107	221374	29.435	ng		98
18) Hexachloroethane	7.37	117	95940	27.253	ng		95
19) n-Nitroso-di-n-propylamine	7.27	70	174100	27.234	ng		95
20) 3+4-Methylphenols	7.27	107	276438	29.055	ng	#	77
22) Acetophenone	7.27	105	363003	27.702	ng	#	97
24) Nitrobenzene	7.45	77	269361	28.156	ng		98
25) Isophorone	7.69	82	495977	28.445	ng		99
26) 2-Nitrophenol	7.76	139	143847	31.268	ng		90
27) 2,4-Dimethylphenol	7.80	122	244122	28.099	ng		97
28) bis(2-Chloroethoxy)methane	7.89	93	316226	29.102	ng		99
29) 2,4-Dichlorophenol	8.00	162	219539	29.431	ng		96
30) 1,2,4-Trichlorobenzene	8.09	180	219500	29.421	ng		97
31) Naphthalene	8.17	128	755119	29.727	ng		99
32) Benzoic acid	7.87	122	21525	3.016	ng		98
33) 4-Chloroaniline	8.22	127	205609	19.383	ng		97
34) Hexachlorobutadiene	8.28	225	105674	27.500	ng		98
35) Caprolactam	8.57	113	61421m	25.669	ng		
36) 4-Chloro-3-methylphenol	8.69	107	232948	27.784	ng		97
37) 2-Methylnaphthalene	8.86	142	520472	31.519	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	199003	27.370	ng		99
40) Hexachlorocyclopentadiene	9.01	237	117278	35.295	ng		97

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100417\
Data File : BF099085.D
Acq On : 4 Oct 2017 23:48
Operator : SJ/JU
Sample : I5644-13MS
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-14-COMPMS

Manual Integrations APPROVED
Sohil
10/5/2017 6:15:41 PM

Quant Time: Oct 05 05:37:41 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 23 13:50:58 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	142160	27.599	ng	99
43) 2,4,5-Trichlorophenol	9.17	196	148206	28.823	ng	98
45) 1,1'-Biphenyl	9.32	154	597573	28.519	ng	99
46) 2-Chloronaphthalene	9.35	162	464422	29.521	ng	97
47) 2-Nitroaniline	9.45	65	142540	29.590	ng	97
48) Acenaphthylene	9.76	152	714899	29.685	ng	99
49) Dimethylphthalate	9.62	163	650831	35.370	ng	99
50) 2,6-Dinitrotoluene	9.69	165	119744	29.891	ng	94
51) Acenaphthene	9.94	154	423688	27.773	ng	98
52) 3-Nitroaniline	9.86	138	121831	26.083	ng	94
53) 2,4-Dinitrophenol	9.96	184	58205	31.702	ng	97
54) Dibenzofuran	10.11	168	642005	31.607	ng	99
55) 4-Nitrophenol	10.02	139	200679	50.810	ng	94
56) 2,4-Dinitrotoluene	10.09	165	159000	30.583	ng	92
57) Fluorene	10.45	166	490910	30.069	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.23	232	106231	29.908	ng	97
59) Diethylphthalate	10.32	149	515292	28.659	ng	98
60) 4-Chlorophenyl-phenylether	10.44	204	217863	29.707	ng	98
61) 4-Nitroaniline	10.47	138	137187	30.443	ng	89
62) Azobenzene	10.60	77	497190	30.074	ng	94
64) 4,6-Dinitro-2-methylphenol	10.50	198	61056	23.803	ng	93
65) n-Nitrosodiphenylamine	10.56	169	425175	29.111	ng	99
66) 4-Bromophenyl-phenylether	10.93	248	124565	30.185	ng	92
67) Hexachlorobenzene	11.00	284	126280	28.651	ng	99
68) Atrazine	11.09	200	132084	30.058	ng	99
69) Pentachlorophenol	11.19	266	116308	42.401	ng	98
70) Phenanthrene	11.42	178	699730	31.007	ng	99
71) Anthracene	11.47	178	713364	30.895	ng	99
72) Carbazole	11.62	167	675365	29.868	ng	100
73) Di-n-butylphthalate	11.95	149	797367	29.297	ng	99
74) Fluoranthene	12.60	202	693382	30.343	ng	99
77) Pyrene	12.83	202	705765	33.776	ng	99
79) Butylbenzylphthalate	13.44	149	327850	33.385	ng	92
80) Benzo(a)anthracene	14.02	228	516312	31.116	ng	99
81) 3,3'-Dichlorobenzidine	13.98	252	127583	20.974	ng	97
82) Chrysene	14.06	228	483267	30.592	ng	98
83) Bis(2-ethylhexyl)phthalate	14.00	149	433224	32.038	ng	99
84) Di-n-octyl phthalate	14.61	149	643536	29.556	ng	97
85) Indeno(1,2,3-cd)pyrene	16.98	276	394737	31.237	ng	96
87) Benzo(b)fluoranthene	15.07	252	385067	29.466	ng	99
88) Benzo(k)fluoranthene	15.10	252	390586	30.260	ng	99
89) Benzo(a)pyrene	15.44	252	361074	30.100	ng	99
90) Dibenzo(a,h)anthracene	17.00	278	329997	34.374	ng	98
91) Benzo(g,h,i)perylene	17.43	276	337896	35.607	ng	97

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100417\
Data File : BF099085.D
Acq On : 4 Oct 2017 23:48
Operator : SJ/JU
Sample : I5644-13MS
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Oct 05 05:37:41 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 23 13:50:58 2017
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
TP-14-COMPMS

Manual Integrations APPROVED
Sohil
10/5/2017 6:15:41 PM