Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062317\
Data File : BF096166.D
Acq On : 23 Jun 2017 18:46
Operator : SJ/MA
Sample : I3842-01MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NC-TS-001MSD

Manual Integrations APPROVED
mohammad
6/28/2017 1:11:08 PM

Quant Time: Jun 24 00:32:07 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 20 16:05:47 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.26	152	65961	20.00	ng		-0.04
21) Naphthalene-d8	9.29	136	278582	20.00	ng		-0.04
38) Acenaphthene-d10	12.12	164	127544	20.00	ng		-0.04
63) Phenanthrene-d10	14.51	188	220495	20.00	ng		-0.03
75) Chrysene-d12	18.24	240	140849	20.00	ng		-0.03
86) Perylene-d12	19.92	264	127753	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.16	112	558174	134.84	ng		-0.02
7) Phenol-d6	6.85	99	625765	126.27	ng		-0.03
23) Nitrobenzene-d5	8.19	82	386351	86.13	ng		-0.03
41) 2,4,6-Tribromophenol	13.42	330	130346	115.51	ng		-0.04
44) 2-Fluorobiphenyl	11.07	172	687548	75.02	ng		-0.04
78) Terphenyl-d14	16.90	244	520880	91.78	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	1.65	88	72985	37.06	ng		97
3) Pyridine	2.17	79	163956	35.42	ng		99
4) n-Nitrosodimethylamine	2.15	42	74309	42.23	ng		80
6) Aniline	6.77	93	108755	16.77	ng		95
8) 2-Chlorophenol	6.95	128	203709	46.28	ng		95
9) Benzaldehyde	6.57	77	103500	30.96	ng		99
10) Phenol	6.86	94	243229	47.31	ng		94
11) bis(2-Chloroethyl)ether	6.91	93	180340	44.28	ng		96
12) 1,3-Dichlorobenzene	7.16	146	212258	42.61	ng		98
13) 1,4-Dichlorobenzene	7.29	146	216295	42.81	ng		98
14) 1,2-Dichlorobenzene	7.52	146	205673	44.16	ng		95
15) Benzyl Alcohol	7.58	79	159988	47.04	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.76	45	257534	45.01	ng		95
17) 2-Methylphenol	7.82	107	167348	45.31	ng		93
18) Hexachloroethane	8.03	117	73245	43.90	ng	#	80
19) n-Nitroso-di-n-propylamine	8.00	70	140039	44.59	ng		95
20) 3+4-Methylphenols	8.09	107	220464	47.02	ng	#	58
22) Acetophenone	7.96	105	281250	43.13	ng	#	82
24) Nitrobenzene	8.22	77	199084	41.55	ng		96
25) Isophorone	8.62	82	353202	42.17	ng		95
26) 2-Nitrophenol	8.73	139	111204	44.32	ng		96
27) 2,4-Dimethylphenol	8.89	122	175949	45.19	ng		97
28) bis(2-Chloroethoxy)methane	9.00	93	237882	43.09	ng		97
29) 2,4-Dichlorophenol	9.17	162	159445	42.52	ng		98
30) 1,2,4-Trichlorobenzene	9.23	180	163999	42.03	ng		99
31) Naphthalene	9.33	128	579373	41.44	ng		99
32) Benzoic acid	9.25	122	38133	19.12	ng		91
33) 4-Chloroaniline	9.52	127	56061m	10.26	ng		
34) Hexachlorobutadiene	9.55	225	83753	41.54	ng		98
35) Caprolactam	10.12	113	49458m	44.32	ng		
36) 4-Chloro-3-methylphenol	10.39	107	170773	43.50	ng		89
37) 2-Methylnaphthalene	10.46	142	400151	42.36	ng		99
39) 1,2,4,5-Tetrachlorobenzene	10.74	216	152297	39.90	ng		99
40) Hexachlorocyclopentadiene	10.70	237	37255	38.00	ng		99

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062317\
Data File : BF096166.D
Acq On : 23 Jun 2017 18:46
Operator : SJ/MA
Sample : I3842-01MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NC-TS-001MSD

Manual Integrations APPROVED
mohammad
6/28/2017 1:11:08 PM

Quant Time: Jun 24 00:32:07 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 20 16:05:47 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	10.97	196	103636	42.23	ng		99
43) 2,4,5-Trichlorophenol	11.09	196	100582	38.53	ng		92
45) 1,1'-Biphenyl	11.23	154	437002	41.57	ng		98
46) 2-Chloronaphthalene	11.24	162	337647	41.11	ng		96
47) 2-Nitroaniline	11.47	65	100585	41.85	ng	#	81
48) Acenaphthylene	11.89	152	513960	36.59	ng		98
49) Dimethylphthalate	11.79	163	570495	58.91	ng		99
50) 2,6-Dinitrotoluene	11.89	165	84056	39.79	ng	#	64
51) Acenaphthene	12.17	154	315015	38.84	ng		97
52) 3-Nitroaniline	12.16	138	49102	19.95	ng		93
53) 2,4-Dinitrophenol	12.39	184	49615	44.60	ng	#	67
54) Dibenzofuran	12.46	168	482740	42.29	ng		99
55) 4-Nitrophenol	12.59	139	82512	58.73	ng	#	73
56) 2,4-Dinitrotoluene	12.56	165	122217	42.84	ng	#	89
57) Fluorene	13.01	166	385788	38.83	ng		100
58) 2,3,4,6-Tetrachlorophenol	12.72	232	73885	41.37	ng		96
59) Diethylphthalate	12.93	149	394121	42.29	ng		98
60) 4-Chlorophenyl-phenylether	13.04	204	171965	39.80	ng		89
61) 4-Nitroaniline	13.16	138	80594	35.07	ng		97
62) Azobenzene	13.30	77	357088	42.28	ng		93
64) 4,6-Dinitro-2-methylphenol	13.24	198	51697	35.67	ng	#	62
65) n-Nitrosodiphenylamine	13.25	169	333032	42.03	ng		99
66) 4-Bromophenyl-phenylether	13.82	248	96292	42.02	ng		97
67) Hexachlorobenzene	13.90	284	93393	41.36	ng	#	88
68) Atrazine	14.18	200	97822	44.36	ng		95
69) Pentachlorophenol	14.28	266	46241	56.15	ng		95
70) Phenanthrene	14.55	178	609261	47.89	ng		98
71) Anthracene	14.63	178	554288	41.73	ng		98
72) Carbazole	14.94	167	506612	39.14	ng		97
73) Di-n-butylphthalate	15.53	149	618817	44.94	ng	#	98
74) Fluoranthene	16.34	202	560037	44.48	ng		98
76) Benzidine	16.58	184	140567	25.99	ng	#	92
77) Pyrene	16.64	202	542824	51.65	ng		99
79) Butylbenzylphthalate	17.57	149	224903	49.00	ng	#	85
80) Benzo(a)anthracene	18.23	228	351045	42.87	ng		99
81) 3,3'-Dichlorobenzidine	18.23	252	63833	21.92	ng	#	96
82) Chrysene	18.28	228	343551	41.98	ng		98
83) Bis(2-ethylhexyl)phthalate	18.32	149	341570	52.76	ng	#	99
84) Di-n-octyl phthalate	19.09	149	508616	47.67	ng		95
85) Indeno(1,2,3-cd)pyrene	21.07	276	338620	48.36	ng		98
87) Benzo(b)fluoranthene	19.52	252	311448	38.93	ng		98
88) Benzo(k)fluoranthene	19.54	252	314703	41.16	ng		96
89) Benzo(a)pyrene	19.86	252	301951	41.07	ng		97
90) Dibenzo(a,h)anthracene	21.07	278	285200	45.73	ng		96
91) Benzo(g,h,i)perylene	21.39	276	288244	45.33	ng		97

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

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062317\
Data File : BF096166.D
Acq On : 23 Jun 2017 18:46
Operator : SJ/MA
Sample : I3842-01MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jun 24 00:32:07 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 20 16:05:47 2017
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
NC-TS-001MSD

Manual Integrations APPROVED
mohammad
6/28/2017 1:11:08 PM