Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050617\
Data File : BF094960.D
Acq On : 6 May 2017 14:34
Operator : SJ/MA
Sample : I2947-06MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-02-COMPMSD

Manual Integrations APPROVED
mohammad
5/8/2017 5:43:56 PM

Quant Time: May 08 08:21:11 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 03 17:24:51 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	97029	20.00	ng		0.00
21) Naphthalene-d8	9.74	136	401438	20.00	ng		-0.01
38) Acenaphthene-d10	12.57	164	181526	20.00	ng		-0.01
63) Phenanthrene-d10	14.97	188	321158	20.00	ng		-0.01
75) Chrysene-d12	18.64	240	215200	20.00	ng		-0.01
86) Perylene-d12	20.31	264	183728	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.68	112	808907	138.99	ng		0.00
7) Phenol-d6	7.27	99	1063161	152.25	ng		0.00
23) Nitrobenzene-d5	8.63	82	631342	99.17	ng		0.00
41) 2,4,6-Tribromophenol	13.87	330	202833	136.44	ng		-0.01
44) 2-Fluorobiphenyl	11.52	172	1176345	93.27	ng		-0.01
78) Terphenyl-d14	17.30	244	963224	98.59	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.14	88	103382	36.22	ng		96
3) Pyridine	2.83	79	185672	28.07	ng		97
4) n-Nitrosodimethylamine	2.74	42	120669	43.76	ng		86
6) Aniline	7.23	93	378861	42.98	ng		94
8) 2-Chlorophenol	7.41	128	330682	49.92	ng		96
9) Benzaldehyde	7.05	77	46037	10.80	ng		98
10) Phenol	7.29	94	390554	53.08	ng		90
11) bis(2-Chloroethyl)ether	7.37	93	286958	47.24	ng		94
12) 1,3-Dichlorobenzene	7.63	146	344304	45.82	ng		98
13) 1,4-Dichlorobenzene	7.75	146	354493	46.52	ng		97
14) 1,2-Dichlorobenzene	7.98	146	334250	46.99	ng		96
15) Benzyl Alcohol	8.01	79	247250	55.05	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.21	45	381776	44.40	ng	#	42
17) 2-Methylphenol	8.22	107	267349	49.32	ng	#	88
18) Hexachloroethane	8.50	117	117786	45.63	ng	#	86
19) n-Nitroso-di-n-propylamine	8.44	70	230433	48.79	ng		93
20) 3+4-Methylphenols	8.47	107	358862	48.72	ng	#	58
22) Acetophenone	8.40	105	461267	47.89	ng	#	84
24) Nitrobenzene	8.65	77	318984	47.80	ng		94
25) Isophorone	9.05	82	586717	51.61	ng	#	94
26) 2-Nitrophenol	9.16	139	182981	50.82	ng		96
27) 2,4-Dimethylphenol	9.30	122	293818	50.47	ng		99
28) bis(2-Chloroethoxy)methane	9.42	93	370585	47.13	ng		98
29) 2,4-Dichlorophenol	9.58	162	274574	49.95	ng		99
30) 1,2,4-Trichlorobenzene	9.67	180	270799	45.98	ng		97
31) Naphthalene	9.78	128	908643	45.04	ng		99
32) Benzoic acid	9.59	122	98885	28.21	ng		91
33) 4-Chloroaniline	9.91	127	230779	30.69	ng	#	93
34) Hexachlorobutadiene	10.00	225	134771	43.37	ng		97
35) Caprolactam	10.54	113	78862m	47.78	ng		
36) 4-Chloro-3-methylphenol	10.77	107	291295	49.57	ng		90
37) 2-Methylnaphthalene	10.90	142	589150	44.49	ng		98
39) 1,2,4,5-Tetrachlorobenzene	11.18	216	247492	44.33	ng		100
40) Hexachlorocyclopentadiene	11.16	237	177642	76.02	ng		100

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050617\
Data File : BF094960.D
Acq On : 6 May 2017 14:34
Operator : SJ/MA
Sample : I2947-06MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-02-COMPMSD

Manual Integrations APPROVED
mohammad
5/8/2017 5:43:56 PM

Quant Time: May 08 08:21:11 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 03 17:24:51 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	11.40	196	184418	49.48	ng		99
43) 2,4,5-Trichlorophenol	11.49	196	188516	47.06	ng	#	91
45) 1,1'-Biphenyl	11.67	154	655826	42.91	ng		98
46) 2-Chloronaphthalene	11.68	162	527790	42.77	ng		96
47) 2-Nitroaniline	11.89	65	164424	48.68	ng	#	84
48) Acenaphthylene	12.34	152	904613	46.80	ng		100
49) Dimethylphthalate	12.22	163	854211	57.32	ng		99
50) 2,6-Dinitrotoluene	12.31	165	151255	49.75	ng		93
51) Acenaphthene	12.62	154	538515	46.64	ng		99
52) 3-Nitroaniline	12.58	138	113154	34.68	ng		93
53) 2,4-Dinitrophenol	12.77	184	113600	68.79	ng	#	69
54) Dibenzofuran	12.91	168	804879	50.38	ng		98
55) 4-Nitrophenol	12.95	139	181567	92.64	ng	#	74
56) 2,4-Dinitrotoluene	12.97	165	198177	50.73	ng	#	88
57) Fluorene	13.47	166	646810	46.56	ng		98
58) 2,3,4,6-Tetrachlorophenol	13.15	232	141925	56.29	ng	#	95
59) Diethylphthalate	13.37	149	628522	44.00	ng		99
60) 4-Chlorophenyl-phenylether	13.49	204	280844	46.00	ng		91
61) 4-Nitroaniline	13.58	138	145174	48.46	ng		96
62) Azobenzene	13.75	77	571536	49.80	ng		96
64) 4,6-Dinitro-2-methylphenol	13.64	198	96104	44.64	ng	#	67
65) n-Nitrosodiphenylamine	13.70	169	543077	46.59	ng		99
66) 4-Bromophenyl-phenylether	14.28	248	146888	43.29	ng		99
67) Hexachlorobenzene	14.36	284	148148	42.60	ng	#	87
68) Atrazine	14.62	200	156936	47.69	ng		97
69) Pentachlorophenol	14.71	266	147953	93.07	ng		97
70) Phenanthrene	15.01	178	852766	46.21	ng		98
71) Anthracene	15.09	178	896029	47.54	ng		98
72) Carbazole	15.38	167	839228	48.93	ng		98
73) Di-n-butylphthalate	15.94	149	980227	45.83	ng		99
74) Fluoranthene	16.75	202	827000	43.69	ng		99
76) Benzidine	16.97	184	326163	54.94	ng	#	94
77) Pyrene	17.05	202	891382	55.38	ng		99
79) Butylbenzylphthalate	17.96	149	415285	55.47	ng		89
80) Benzo(a)anthracene	18.63	228	577634	46.12	ng		98
81) 3,3'-Dichlorobenzidine	18.61	252	161224	37.27	ng	#	97
82) Chrysene	18.67	228	545585	45.05	ng		99
83) Bis(2-ethylhexyl)phthalate	18.70	149	533340	50.00	ng	#	98
84) Di-n-octyl phthalate	19.47	149	867334	49.60	ng		96
85) Indeno(1,2,3-cd)pyrene	21.59	276	542454	55.16	ng		99
87) Benzo(b)fluoranthene	19.90	252	522083	45.99	ng		97
88) Benzo(k)fluoranthene	19.93	252	523526	47.81	ng	#	94
89) Benzo(a)pyrene	20.25	252	472890	45.14	ng		99
90) Dibenzo(a,h)anthracene	21.61	278	454759	52.56	ng		99
91) Benzo(g,h,i)perylene	21.97	276	478601	56.37	ng		98

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050617\
Data File : BF094960.D
Acq On : 6 May 2017 14:34
Operator : SJ/MA
Sample : I2947-06MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: May 08 08:21:11 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 03 17:24:51 2017
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SB-02-COMPMSD

Manual Integrations APPROVED
mohammad
5/8/2017 5:43:56 PM