Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF111017\
Data File : BF100405.D
Acq On : 10 Nov 2017 21:37
Operator : SJ/JU
Sample : I6382-10MSD
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-3MSD

Manual Integrations APPROVED
SOHIL
11/13/2017 4:43:30 PM

Quant Time: Nov 10 23:18:57 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 10 15:44:40 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	160125	20.00	ng		0.00
21) Naphthalene-d8	8.19	136	611720	20.00	ng		0.00
38) Acenaphthene-d10	9.95	164	251350	20.00	ng		0.00
63) Phenanthrene-d10	11.43	188	404547	20.00	ng		0.00
75) Chrysene-d12	14.07	240	309505	20.00	ng		0.00
86) Perylene-d12	15.55	264	250200	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.55	112	1139060	114.03	ng		0.03
7) Phenol-d6	6.54	99	1302820	105.77	ng		0.01
23) Nitrobenzene-d5	7.47	82	969243	104.75	ng		0.00
41) 2,4,6-Tribromophenol	10.73	330	297883	116.30	ng		0.00
44) 2-Fluorobiphenyl	9.26	172	1618779	98.07	ng		0.00
78) Terphenyl-d14	13.01	244	1147407	85.18	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.90	88	175387	36.028	ng	#	81
3) Pyridine	3.61	79	337968	25.447	ng		95
4) n-Nitrosodimethylamine	3.56	42	251272	38.968	ng		98
6) Aniline	6.57	93	128408	7.379	ng		100
8) 2-Chlorophenol	6.69	128	438478	41.493	ng		96
9) Benzaldehyde	6.46	77	245908	27.954	ng		98
10) Phenol	6.55	94	464489	35.920	ng		99
11) bis(2-Chloroethyl)ether	6.65	93	443928	40.871	ng		97
12) 1,3-Dichlorobenzene	6.85	146	496800	40.776	ng		98
13) 1,4-Dichlorobenzene	6.92	146	501306	40.653	ng		99
14) 1,2-Dichlorobenzene	7.08	146	463670	40.668	ng		96
15) Benzyl Alcohol	7.05	79	386979	40.253	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.18	45	819659	47.183	ng		99
17) 2-Methylphenol	7.15	107	378615	41.926	ng		99
18) Hexachloroethane	7.42	117	134161	32.997	ng		97
19) n-Nitroso-di-n-propylamine	7.32	70	321704	37.659	ng		96
20) 3+4-Methylphenols	7.30	107	433352	37.921	ng	#	88
22) Acetophenone	7.32	105	598445	40.119	ng	#	97
24) Nitrobenzene	7.49	77	488689	51.315	ng		96
25) Isophorone	7.73	82	881912	45.358	ng		100
26) 2-Nitrophenol	7.80	139	212609	47.659	ng		93
27) 2,4-Dimethylphenol	7.83	122	414245	47.526	ng		99
28) bis(2-Chloroethoxy)methane	7.93	93	561452	44.145	ng		100
29) 2,4-Dichlorophenol	8.04	162	372462	44.763	ng		100
30) 1,2,4-Trichlorobenzene	8.13	180	397148	44.124	ng		98
31) Naphthalene	8.21	128	1249924	42.422	ng		99
32) Benzoic acid	7.95	122	229526	37.046	ng		97
33) 4-Chloroaniline	8.25	127	66948	5.459	ng		98
34) Hexachlorobutadiene	8.32	225	224892	42.024	ng		99
35) Caprolactam	8.63	113	90153m	31.571	ng		
36) 4-Chloro-3-methylphenol	8.73	107	371258	41.543	ng		97
37) 2-Methylnaphthalene	8.90	142	828268	42.343	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.06	216	377789	45.320	ng		97
40) Hexachlorocyclopentadiene	9.05	237	59511	15.168	ng		95

Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF111017\
Data File : BF100405.D
Acq On : 10 Nov 2017 21:37
Operator : SJ/JU
Sample : I6382-10MSD
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-3MSD

Manual Integrations APPROVED
SOHIL
11/13/2017 4:43:30 PM

Quant Time: Nov 10 23:18:57 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 10 15:44:40 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.17	196	250142	47.346	ng		99
43) 2,4,5-Trichlorophenol	9.22	196	253659	46.340	ng		94
45) 1,1'-Biphenyl	9.36	154	959383	44.131	ng		99
46) 2-Chloronaphthalene	9.39	162	740133	46.930	ng		96
47) 2-Nitroaniline	9.49	65	245578	52.426	ng		97
48) Acenaphthylene	9.80	152	1110787	42.500	ng		99
49) Dimethylphthalate	9.66	163	881550	45.936	ng		99
50) 2,6-Dinitrotoluene	9.72	165	178576	47.009	ng		95
51) Acenaphthene	9.98	154	639634	40.240	ng		99
52) 3-Nitroaniline	9.89	138	122870	27.391	ng		98
53) 2,4-Dinitrophenol	9.99	184	11589	16.912	ng	#	28
54) Dibenzofuran	10.15	168	960713	43.123	ng		98
55) 4-Nitrophenol	10.05	139	240223	65.953	ng		90
56) 2,4-Dinitrotoluene	10.13	165	212235	44.287	ng		92
57) Fluorene	10.49	166	684208	41.923	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.26	232	187097	41.705	ng	#	88
59) Diethylphthalate	10.36	149	835804	43.521	ng		97
60) 4-Chlorophenyl-phenylether	10.48	204	349835	43.695	ng		92
61) 4-Nitroaniline	10.51	138	171474	40.314	ng		91
62) Azobenzene	10.64	77	746485	41.270	ng		96
64) 4,6-Dinitro-2-methylphenol	10.53	198	10180	12.664	ng		93
65) n-Nitrosodiphenylamine	10.60	169	661606	47.034	ng		97
66) 4-Bromophenyl-phenylether	10.97	248	216167	49.846	ng	#	84
67) Hexachlorobenzene	11.04	284	210586	46.429	ng	#	86
68) Atrazine	11.12	200	191699	45.021	ng		99
69) Pentachlorophenol	11.23	266	223061	68.585	ng		97
70) Phenanthrene	11.46	178	921810	43.278	ng		99
71) Anthracene	11.50	178	945776	43.766	ng		100
72) Carbazole	11.66	167	828299	41.541	ng		99
73) Di-n-butylphthalate	11.99	149	1157195	49.592	ng		99
74) Fluoranthene	12.64	202	918766	40.700	ng		99
76) Benzidine	12.76	184	143056	11.541	ng		96
77) Pyrene	12.87	202	934803	42.370	ng		99
79) Butylbenzylphthalate	13.49	149	431835	47.995	ng	#	91
80) Benzo(a)anthracene	14.06	228	822678	44.139	ng		99
81) 3,3'-Dichlorobenzidine	14.02	252	257676	38.587	ng		99
82) Chrysene	14.09	228	793099	43.942	ng		99
83) Bis(2-ethylhexyl)phthalate	14.04	149	589393	49.806	ng		99
84) Di-n-octyl phthalate	14.65	149	1022721	50.307	ng		99
85) Indeno(1,2,3-cd)pyrene	17.04	276	576484	39.489	ng		96
87) Benzo(b)fluoranthene	15.12	252	668169	45.076	ng		98
88) Benzo(k)fluoranthene	15.14	252	641384	45.795	ng		97
89) Benzo(a)pyrene	15.49	252	595326	45.302	ng		99
90) Dibenzo(a,h)anthracene	17.06	278	487868	45.396	ng		97
91) Benzo(g,h,i)perylene	17.50	276	475166	45.168	ng		95

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

Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF111017\
Data File : BF100405.D
Acq On : 10 Nov 2017 21:37
Operator : SJ/JU
Sample : I6382-10MSD
Misc :
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Nov 10 23:18:57 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 10 15:44:40 2017
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
TP-3MSD

Manual Integrations APPROVED
SOHIL
11/13/2017 4:43:30 PM