Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082918\
Data File : BF108601.D
Acq On : 29 Aug 2018 13:39
Operator : JU/SJ
Sample : PB112433BSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB112433BSD

Manual Integrations APPROVED
Sohil
8/30/2018 12:18:30 PM

Quant Time: Aug 29 14:34:32 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 22 11:01:45 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	136923	20.00	ng		0.00
21) Naphthalene-d8	8.28	136	511390	20.00	ng		0.00
38) Acenaphthene-d10	10.05	164	263093	20.00	ng		0.00
63) Phenanthrene-d10	11.54	188	520853	20.00	ng		0.00
75) Chrysene-d12	14.20	240	370267	20.00	ng		0.00
86) Perylene-d12	15.75	264	274523	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.65	112	734861	97.17	ng		0.02
7) Phenol-d6	6.64	99	1029750	102.46	ng		0.00
23) Nitrobenzene-d5	7.57	82	1005809	109.75	ng		0.00
41) 2,4,6-Tribromophenol	10.85	330	315080	120.06	ng		0.00
44) 2-Fluorobiphenyl	9.36	172	1892047	115.46	ng		0.00
78) Terphenyl-d14	13.13	244	1797603	123.44	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.02	88	135687	34.916	ng		88
3) Pyridine	3.77	79	354415	35.404	ng		86
4) n-Nitrosodimethylamine	3.75	42	206212	36.609	ng	#	83
6) Aniline	6.67	93	397784	29.098	ng	#	82
8) 2-Chlorophenol	6.80	128	427288	50.164	ng		99
9) Benzaldehyde	6.56	77	243678	31.273	ng		99
10) Phenol	6.65	94	519455	49.968	ng		86
11) bis(2-Chloroethyl)ether	6.74	93	375120	44.634	ng		94
12) 1,3-Dichlorobenzene	6.94	146	474666	48.195	ng		98
13) 1,4-Dichlorobenzene	7.02	146	505717	51.106	ng		98
14) 1,2-Dichlorobenzene	7.17	146	454044	49.329	ng		98
15) Benzyl Alcohol	7.15	79	366585	43.328	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.27	45	749232	43.274	ng		78
17) 2-Methylphenol	7.25	107	364101	49.846	ng	#	86
18) Hexachloroethane	7.51	117	174633	49.571	ng		92
19) n-Nitroso-di-n-propylamine	7.41	70	321260	47.271	ng		92
20) 3+4-Methylphenols	7.41	107	442954	47.321	ng	#	65
22) Acetophenone	7.41	105	628830	52.588	ng	#	87
24) Nitrobenzene	7.59	77	471597	50.889	ng		96
25) Isophorone	7.82	82	869130	49.756	ng		97
26) 2-Nitrophenol	7.90	139	222071	63.454	ng	#	90
27) 2,4-Dimethylphenol	7.93	122	397453	51.266	ng		95
28) bis(2-Chloroethoxy)methane	8.02	93	529379	51.914	ng		99
29) 2,4-Dichlorophenol	8.14	162	395904	55.491	ng		100
30) 1,2,4-Trichlorobenzene	8.22	180	414634	52.712	ng		95
31) Naphthalene	8.31	128	1279987	55.037	ng		99
32) Benzoic acid	8.08	122	176035	40.233	ng		94
33) 4-Chloroaniline	8.36	127	165801	16.359	ng		99
34) Hexachlorobutadiene	8.41	225	269898	54.200	ng		99
35) Caprolactam	8.74	113	99223m	44.379	ng		
36) 4-Chloro-3-methylphenol	8.84	107	408636	53.093	ng		96
37) 2-Methylnaphthalene	9.00	142	869733	52.857	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.17	216	446006	55.203	ng		98
40) Hexachlorocyclopentadiene	9.14	237	450945	86.413	ng		100

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082918\
Data File : BF108601.D
Acq On : 29 Aug 2018 13:39
Operator : JU/SJ
Sample : PB112433BSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB112433BSD

Manual Integrations APPROVED
Sohil
8/30/2018 12:18:30 PM

Quant Time: Aug 29 14:34:32 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 22 11:01:45 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.28	196	275729	54.996	ng		99
43) 2,4,5-Trichlorophenol	9.32	196	301163	54.567	ng		96
45) 1,1'-Biphenyl	9.47	154	1069346	55.127	ng		98
46) 2-Chloronaphthalene	9.49	162	823955	53.743	ng		98
47) 2-Nitroaniline	9.59	65	271597	54.750	ng		88
48) Acenaphthylene	9.91	152	1281994	52.892	ng		99
49) Dimethylphthalate	9.77	163	967322	52.782	ng	#	99
50) 2,6-Dinitrotoluene	9.83	165	211601	55.187	ng	#	86
51) Acenaphthene	10.08	154	729310	49.127	ng		99
52) 3-Nitroaniline	10.01	138	113022	26.941	ng		97
53) 2,4-Dinitrophenol	10.12	184	115677	80.560	ng	#	26
54) Dibenzofuran	10.25	168	1121529	52.145	ng		94
55) 4-Nitrophenol	10.18	139	267661	84.255	ng		82
56) 2,4-Dinitrotoluene	10.24	165	271618	55.034	ng	#	91
57) Fluorene	10.60	166	912088	53.570	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.38	232	258043	55.938	ng	#	83
59) Diethylphthalate	10.46	149	925360	52.144	ng		97
60) 4-Chlorophenyl-phenylether	10.58	204	465437	52.463	ng		95
61) 4-Nitroaniline	10.64	138	194967	47.006	ng		88
62) Azobenzene	10.75	77	930695	50.782	ng		92
64) 4,6-Dinitro-2-methylphenol	10.65	198	94759	48.407	ng		91
65) n-Nitrosodiphenylamine	10.71	169	810164	52.637	ng		98
66) 4-Bromophenyl-phenylether	11.08	248	302029	53.359	ng	#	89
67) Hexachlorobenzene	11.15	284	319361	53.624	ng	#	88
68) Atrazine	11.23	200	275644	53.394	ng		98
69) Pentachlorophenol	11.35	266	283179	99.341	ng		97
70) Phenanthrene	11.57	178	1294412	52.689	ng		99
71) Anthracene	11.62	178	1342040	53.300	ng		99
72) Carbazole	11.78	167	1171223	52.354	ng		99
73) Di-n-butylphthalate	12.08	149	1401816	55.322	ng		99
74) Fluoranthene	12.77	202	1416593	52.835	ng		96
76) Benzidine	12.88	184	491919	35.558	ng		98
77) Pyrene	13.00	202	1372064	58.531	ng		99
79) Butylbenzylphthalate	13.59	149	571799	61.429	ng		98
80) Benzo(a)anthracene	14.19	228	1139463	53.623	ng		99
81) 3,3'-Dichlorobenzidine	14.15	252	172108	22.600	ng	#	96
82) Chrysene	14.23	228	1046772	53.732	ng		99
83) Bis(2-ethylhexyl)phthalate	14.14	149	751103	59.587	ng		99
84) Di-n-octyl phthalate	14.77	149	1121897	58.359	ng		97
85) Indeno(1,2,3-cd)pyrene	17.38	276	854437	50.619	ng	#	89
87) Benzo(b)fluoranthene	15.29	252	923187	56.279	ng	#	96
88) Benzo(k)fluoranthene	15.32	252	787101	52.198	ng	#	94
89) Benzo(a)pyrene	15.69	252	793516	54.020	ng	#	96
90) Dibenzo(a,h)anthracene	17.39	278	718309	59.101	ng	#	93
91) Benzo(g,h,i)perylene	17.88	276	727866	60.819	ng	#	90

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082918\
Data File : BF108601.D
Acq On : 29 Aug 2018 13:39
Operator : JU/SJ
Sample : PB112433BSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Aug 29 14:34:32 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 22 11:01:45 2018
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB112433BSD

Manual Integrations APPROVED
Sohil
8/30/2018 12:18:30 PM