Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072318\
Data File : BF107600.D
Acq On : 23 Jul 2018 20:40
Operator : JU/SJ
Sample : J4106-01MSD
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MOLA-BOULEVARDMSD

Quant Time: Jul 24 03:22:00 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF072018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 20 16:29:27 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	240864	20.00	ng		0.00
21) Naphthalene-d8	8.26	136	832289	20.00	ng		0.00
38) Acenaphthene-d10	10.02	164	322685	20.00	ng		0.00
63) Phenanthrene-d10	11.52	188	653091	20.00	ng		0.00
75) Chrysene-d12	14.17	240	521186	20.00	ng		0.00
86) Perylene-d12	15.71	264	405279	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	1421700	94.90	ng		0.00
7) Phenol-d6	6.61	99	1683305	93.58	ng		0.00
23) Nitrobenzene-d5	7.54	82	1041175	84.43	ng		0.00
41) 2,4,6-Tribromophenol	10.82	330	424700	115.74	ng		0.00
44) 2-Fluorobiphenyl	9.34	172	1750144	96.29	ng		0.00
78) Terphenyl-d14	13.10	244	1830379	89.91	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.87	88	191125	27.410	ng		87
3) Pyridine	3.65	79	482727	25.448	ng	#	84
4) n-Nitrosodimethylamine	3.61	42	244488	30.559	ng		98
6) Aniline	6.64	93	626648	27.010	ng	#	84
8) 2-Chlorophenol	6.77	128	522829	32.575	ng		93
9) Benzaldehyde	6.53	77	201413	15.229	ng		99
10) Phenol	6.63	94	633259	29.934	ng		93
11) bis(2-Chloroethyl)ether	6.71	93	518626	29.570	ng		94
12) 1,3-Dichlorobenzene	6.92	146	548762	30.156	ng		99
13) 1,4-Dichlorobenzene	7.00	146	589847	31.626	ng		100
14) 1,2-Dichlorobenzene	7.15	146	530997	31.725	ng		99
15) Benzyl Alcohol	7.12	79	410646	33.496	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.24	45	879896	29.737	ng		85
17) 2-Methylphenol	7.23	107	431648	31.642	ng		95
18) Hexachloroethane	7.48	117	155488	23.769	ng		94
19) n-Nitroso-di-n-propylamine	7.38	70	351764	30.271	ng		97
20) 3+4-Methylphenols	7.38	107	531027	32.783	ng	#	57
22) Acetophenone	7.38	105	731050	37.401	ng	#	88
24) Nitrobenzene	7.56	77	518364	36.698	ng		98
25) Isophorone	7.80	82	944282	35.861	ng		98
26) 2-Nitrophenol	7.88	139	212785	35.672	ng		97
27) 2,4-Dimethylphenol	7.91	122	417024	36.934	ng		98
28) bis(2-Chloroethoxy)methane	8.00	93	618159	35.128	ng		99
29) 2,4-Dichlorophenol	8.12	162	403523	34.966	ng		98
30) 1,2,4-Trichlorobenzene	8.20	180	427540	32.984	ng		99
31) Naphthalene	8.28	128	1319324	36.048	ng		99
32) Benzoic acid	8.01	122	168206	25.727	ng		97
33) 4-Chloroaniline	8.34	127	485059	30.322	ng		98
34) Hexachlorobutadiene	8.39	225	263496	34.211	ng		97
35) Caprolactam	8.70	113	118002	31.436	ng	#	67
36) 4-Chloro-3-methylphenol	8.81	107	406765	31.730	ng		99
37) 2-Methylnaphthalene	8.98	142	910784	35.912	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.14	216	412365	38.314	ng		98
40) Hexachlorocyclopentadiene	9.12	237	41468	7.579	ng		98

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072318\
Data File : BF107600.D
Acq On : 23 Jul 2018 20:40
Operator : JU/SJ
Sample : J4106-01MSD
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MOLA-BOULEVARDMSD

Quant Time: Jul 24 03:22:00 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF072018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 20 16:29:27 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.25	196	249040	36.150	ng		98
43) 2,4,5-Trichlorophenol	9.30	196	274757	38.160	ng		97
45) 1,1'-Biphenyl	9.44	154	1079407	38.400	ng		99
46) 2-Chloronaphthalene	9.47	162	780866	36.343	ng		99
47) 2-Nitroaniline	9.57	65	287592	45.912	ng		86
48) Acenaphthylene	9.88	152	1270346	39.358	ng		99
49) Dimethylphthalate	9.73	163	1108670	45.587	ng		99
50) 2,6-Dinitrotoluene	9.80	165	172665	35.760	ng	#	91
51) Acenaphthene	10.05	154	734601	36.325	ng		99
52) 3-Nitroaniline	9.98	138	251468	42.810	ng		89
53) 2,4-Dinitrophenol	10.10	184	13404	16.008	ng	#	58
54) Dibenzofuran	10.23	168	1100921	36.978	ng		99
55) 4-Nitrophenol	10.15	139	298855	67.954	ng		94
56) 2,4-Dinitrotoluene	10.21	165	204847	35.147	ng		94
57) Fluorene	10.57	166	857234	40.359	ng		94
58) 2,3,4,6-Tetrachlorophenol	10.35	232	230173	38.411	ng	#	87
59) Diethylphthalate	10.43	149	946349	37.259	ng		100
60) 4-Chlorophenyl-phenylether	10.56	204	419510	34.937	ng		94
61) 4-Nitroaniline	10.60	138	256171	51.907	ng		92
62) Azobenzene	10.72	77	830862	34.886	ng		95
64) 4,6-Dinitro-2-methylphenol	10.62	198	12903	12.033	ng		90
65) n-Nitrosodiphenylamine	10.68	169	768421	34.644	ng		99
66) 4-Bromophenyl-phenylether	11.05	248	249199	32.414	ng	#	89
67) Hexachlorobenzene	11.12	284	279185	33.004	ng	#	85
68) Atrazine	11.20	200	214261	31.638	ng		97
69) Pentachlorophenol	11.32	266	276233	52.280	ng		98
70) Phenanthrene	11.54	178	1184635	37.223	ng		99
71) Anthracene	11.60	178	1289792	40.251	ng		99
72) Carbazole	11.75	167	1207648	36.243	ng		99
73) Di-n-butylphthalate	12.07	149	1444290	41.047	ng		99
74) Fluoranthene	12.74	202	1408473	41.243	ng		98
76) Benzidine	12.86	184	1160347	77.309	ng		98
77) Pyrene	12.97	202	1414753	39.685	ng		99
79) Butylbenzylphthalate	13.57	149	658078	42.924	ng		91
80) Benzo(a)anthracene	14.16	228	1130604	37.017	ng		99
81) 3,3'-Dichlorobenzidine	14.12	252	422534	47.406	ng	#	98
82) Chrysene	14.19	228	1083963	36.946	ng		99
83) Bis(2-ethylhexyl)phthalate	14.12	149	872432	40.330	ng		98
84) Di-n-octyl phthalate	14.74	149	1449220	43.100	ng		99
85) Indeno(1,2,3-cd)pyrene	17.29	276	847236	34.072	ng		94
87) Benzo(b)fluoranthene	15.25	252	902331	40.681	ng		99
88) Benzo(k)fluoranthene	15.28	252	795329	36.599	ng		98
89) Benzo(a)pyrene	15.64	252	781401	38.513	ng		99
90) Dibenzo(a,h)anthracene	17.31	278	714384	40.732	ng		96
91) Benzo(g,h,i)perylene	17.78	276	695041	40.176	ng		94

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072318\
Data File : BF107600.D
Acq On : 23 Jul 2018 20:40
Operator : JU/SJ
Sample : J4106-01MSD
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MOLA-BOULEVARDMSD

Quant Time: Jul 24 03:22:00 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF072018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 20 16:29:27 2018
Response via : Initial Calibration