Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072618\
Data File : BF107733.D
Acq On : 27 Jul 2018 7:44
Operator : JU/SJ
Sample : PB111493BSD
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB111493BSD

Quant Time: Jul 27 08:24:23 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	6.97	152	161061	20.00	ng		-0.01
21) Naphthalene-d8	8.24	136	655644	20.00	ng		-0.02
38) Acenaphthene-d10	10.00	164	304190	20.00	ng		-0.02
63) Phenanthrene-d10	11.50	188	549705	20.00	ng		-0.02
75) Chrysene-d12	14.15	240	354995	20.00	ng		-0.02
86) Perylene-d12	15.68	264	380933	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	712478	71.12	ng		0.00
7) Phenol-d6	6.60	99	916704	76.21	ng		-0.01
23) Nitrobenzene-d5	7.53	82	900454	92.69	ng		-0.02
41) 2,4,6-Tribromophenol	10.80	330	300535	86.88	ng		-0.02
44) 2-Fluorobiphenyl	9.32	172	1804273	109.93	ng		-0.02
78) Terphenyl-d14	13.08	244	1244762	89.77	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.88	88	126542	27.140	ng		88
3) Pyridine	3.67	79	291004	22.942	ng	#	85
4) n-Nitrosodimethylamine	3.64	42	115080	21.511	ng		95
6) Aniline	6.64	93	300498	19.370	ng	#	66
8) 2-Chlorophenol	6.75	128	424130	39.519	ng		98
9) Benzaldehyde	6.52	77	149538	17.290	ng		92
10) Phenol	6.61	94	454183	32.107	ng		92
11) bis(2-Chloroethyl)ether	6.70	93	313495	26.730	ng		94
12) 1,3-Dichlorobenzene	6.90	146	436700	35.889	ng		99
13) 1,4-Dichlorobenzene	6.98	146	488314	39.154	ng		97
14) 1,2-Dichlorobenzene	7.13	146	441571	39.454	ng		99
15) Benzyl Alcohol	7.11	79	303100	36.974	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.22	45	661490	33.433	ng		65
17) 2-Methylphenol	7.22	107	337538	37.004	ng	#	86
18) Hexachloroethane	7.47	117	163761	37.437	ng		99
19) n-Nitroso-di-n-propylamine	7.37	70	284430	36.604	ng		98
20) 3+4-Methylphenols	7.37	107	433216	39.996	ng	#	53
22) Acetophenone	7.37	105	612747	39.794	ng	#	90
24) Nitrobenzene	7.55	77	417236	37.497	ng		98
25) Isophorone	7.78	82	790958	38.131	ng		99
26) 2-Nitrophenol	7.87	139	242698	51.649	ng		97
27) 2,4-Dimethylphenol	7.90	122	359531	40.421	ng		99
28) bis(2-Chloroethoxy)methane	7.99	93	503730	36.338	ng		98
29) 2,4-Dichlorophenol	8.11	162	362745	39.901	ng		96
30) 1,2,4-Trichlorobenzene	8.18	180	385972	37.800	ng		99
31) Naphthalene	8.27	128	1269465	44.031	ng		99
32) Benzoic acid	8.02	122	200548	34.881	ng		94
33) 4-Chloroaniline	8.33	127	196047	15.557	ng		99
34) Hexachlorobutadiene	8.37	225	231142	38.096	ng		99
35) Caprolactam	8.69	113	105675	35.737	ng	#	76
36) 4-Chloro-3-methylphenol	8.81	107	395820	39.195	ng		98
37) 2-Methylnaphthalene	8.95	142	869378	43.515	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	412454	40.652	ng		98
40) Hexachlorocyclopentadiene	9.10	237	215149	41.715	ng		99

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072618\
Data File : BF107733.D
Acq On : 27 Jul 2018 7:44
Operator : JU/SJ
Sample : PB111493BSD
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB111493BSD

Quant Time: Jul 27 08:24:23 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	9.24	196	243555	37.503	ng		99
43) 2,4,5-Trichlorophenol	9.28	196	283327	41.743	ng		97
45) 1,1'-Biphenyl	9.42	154	1094745	41.313	ng		98
46) 2-Chloronaphthalene	9.45	162	803935	39.691	ng		99
47) 2-Nitroaniline	9.55	65	258345	43.751	ng		88
48) Acenaphthylene	9.87	152	1296422	42.608	ng		99
49) Dimethylphthalate	9.72	163	919580	40.111	ng		99
50) 2,6-Dinitrotoluene	9.79	165	195506	42.952	ng		92
51) Acenaphthene	10.04	154	715047	37.508	ng		100
52) 3-Nitroaniline	9.97	138	120024	21.675	ng		94
53) 2,4-Dinitrophenol	10.08	184	129969	66.447	ng	#	29
54) Dibenzofuran	10.21	168	1117423	39.814	ng		100
55) 4-Nitrophenol	10.14	139	194630	46.946	ng		90
56) 2,4-Dinitrotoluene	10.20	165	242581	44.151	ng		94
57) Fluorene	10.55	166	883168	44.108	ng		95
58) 2,3,4,6-Tetrachlorophenol	10.33	232	249414	44.153	ng	#	83
59) Diethylphthalate	10.41	149	943093	39.389	ng		98
60) 4-Chlorophenyl-phenylether	10.54	204	444091	39.233	ng		92
61) 4-Nitroaniline	10.60	138	152290	32.734	ng		95
62) Azobenzene	10.70	77	849759	37.849	ng		94
64) 4,6-Dinitro-2-methylphenol	10.61	198	96135	38.355	ng		91
65) n-Nitrosodiphenylamine	10.67	169	774180	41.468	ng		98
66) 4-Bromophenyl-phenylether	11.04	248	259555	40.111	ng	#	85
67) Hexachlorobenzene	11.10	284	275964	38.759	ng	#	86
68) Atrazine	11.18	200	230597	40.455	ng		99
69) Pentachlorophenol	11.30	266	243162	54.676	ng		100
70) Phenanthrene	11.52	178	1071817	40.012	ng		99
71) Anthracene	11.58	178	1170401	43.395	ng		100
72) Carbazole	11.74	167	990339	35.311	ng		99
73) Di-n-butylphthalate	12.04	149	1357046	47.950	ng		100
74) Fluoranthene	12.71	202	1000190	34.796	ng		97
76) Benzidine	12.84	184	348160	34.056	ng		96
77) Pyrene	12.94	202	962395	39.634	ng		97
79) Butylbenzylphthalate	13.55	149	439466	42.084	ng		88
80) Benzo(a)anthracene	14.14	228	839851	40.371	ng		100
81) 3,3'-Dichlorobenzidine	14.09	252	252158	39.528	ng		97
82) Chrysene	14.17	228	881913	44.132	ng		99
83) Bis(2-ethylhexyl)phthalate	14.09	149	569460	38.648	ng		99
84) Di-n-octyl phthalate	14.72	149	1003135	43.800	ng		98
85) Indeno(1,2,3-cd)pyrene	17.25	276	721017	42.571	ng	#	92
87) Benzo(b)fluoranthene	15.22	252	879708	42.196	ng		98
88) Benzo(k)fluoranthene	15.25	252	854302	41.826	ng		97
89) Benzo(a)pyrene	15.61	252	821879	43.097	ng		98
90) Dibenzo(a,h)anthracene	17.26	278	615979	37.366	ng	#	95
91) Benzo(g,h,i)perylene	17.72	276	547842	33.691	ng	#	92

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072618\
Data File : BF107733.D
Acq On : 27 Jul 2018 7:44
Operator : JU/SJ
Sample : PB111493BSD
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB111493BSD

Quant Time: Jul 27 08:24:23 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