Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032719\
Data File : BF113351.D
Acq On : 28 Mar 2019 2:05
Operator : JU/SJ
Sample : K2086-08MSD
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CS-11MSD

Quant Time: Mar 28 04:32:18 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF032519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 26 03:32:08 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	173911	20.00	ng		0.00
21) Naphthalene-d8	7.99	136	644968	20.00	ng		0.00
39) Acenaphthene-d10	9.73	164	299143	20.00	ng		0.00
64) Phenanthrene-d10	11.21	188	523501	20.00	ng		0.00
76) Chrysene-d12	13.84	240	392792	20.00	ng		0.00
87) Perylene-d12	15.24	264	351157	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.33	112	1148414	107.97	ng		0.02
7) Phenol-d6	6.36	99	1349683	100.31	ng		0.00
23) Nitrobenzene-d5	7.27	82	1036144	95.35	ng		0.00
42) 2,4,6-Tribromophenol	10.53	330	421551	114.08	ng		0.00
45) 2-Fluorobiphenyl	9.06	172	1735262	92.47	ng		0.00
79) Terphenyl-d14	12.79	244	1635041	91.75	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.50	88	171931	31.860	ng	#	84
3) Pyridine	3.20	79	325275	24.451	ng		95
4) n-Nitrosodimethylamine	3.10	42	194904	32.956	ng		84
6) Aniline	6.37	93	191455	11.685	ng	#	3
8) 2-Chlorophenol	6.50	128	463051	37.491	ng		96
9) Benzaldehyde	6.25	77	94589	10.476	ng		98
10) Phenol	6.37	94	455433	29.649	ng		81
11) bis(2-Chloroethyl)ether	6.45	93	461338	39.181	ng		100
12) 1,3-Dichlorobenzene	6.65	146	508282	38.178	ng		99
13) 1,4-Dichlorobenzene	6.72	146	515823	40.127	ng		99
14) 1,2-Dichlorobenzene	6.87	146	472111	37.331	ng		98
15) Benzyl Alcohol	6.86	79	364349	41.046	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.99	45	697801	39.449	ng		88
17) 2-Methylphenol	6.97	107	370527	38.280	ng		98
18) Hexachloroethane	7.22	117	169939	36.806	ng		97
19) n-Nitroso-di-n-propylamine	7.13	70	324381	38.381	ng		96
20) 3+4-Methylphenols	7.13	107	462097	40.877	ng		91
22) Acetophenone	7.12	105	662481	45.040	ng		97
24) Nitrobenzene	7.29	77	498648	43.975	ng		96
25) Isophorone	7.53	82	895991	42.547	ng		98
26) 2-Nitrophenol	7.60	139	229928	38.362	ng		95
27) 2,4-Dimethylphenol	7.65	122	428703	49.723	ng		99
28) bis(2-Chloroethoxy)methane	7.74	93	582493	43.924	ng		99
29) 2,4-Dichlorophenol	7.86	162	409878	43.869	ng		99
30) 1,2,4-Trichlorobenzene	7.93	180	440790	43.727	ng		99
31) Naphthalene	8.01	128	1372003	43.531	ng		100
32) Benzoic acid	7.77	122	81163	11.695	ng		99
33) 4-Chloroaniline	8.06	127	116828	9.506	ng		97
34) Hexachlorobutadiene	8.13	225	251127	41.915	ng		98
35) Caprolactam	8.43	113	77315	25.783	ng		99
36) 4-Chloro-3-methylphenol	8.56	107	393732	41.897	ng		100
37) 2-Methylnaphthalene	8.70	142	916327	46.594	ng		100
38) 1-Methylnaphthalene	8.80	142	856771	45.293	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.87	216	425695	44.332	ng		99

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032719\
Data File : BF113351.D
Acq On : 28 Mar 2019 2:05
Operator : JU/SJ
Sample : K2086-08MSD
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CS-11MSD

Quant Time: Mar 28 04:32:18 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF032519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 26 03:32:08 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.85	237	111797	27.506 ng		100
43) 2,4,6-Trichlorophenol	8.99	196	267903	42.844 ng		99
44) 2,4,5-Trichlorophenol	9.03	196	278093	40.186 ng		95
46) 1,1'-Biphenyl	9.16	154	1092707	43.736 ng		99
47) 2-Chloronaphthalene	9.19	162	834663	43.389 ng		99
48) 2-Nitroaniline	9.29	65	279073	46.229 ng		96
49) Acenaphthylene	9.60	152	1315641	42.298 ng		99
50) Dimethylphthalate	9.46	163	974938	43.978 ng		100
51) 2,6-Dinitrotoluene	9.53	165	203408	40.672 ng		89
52) Acenaphthene	9.77	154	759340	43.351 ng		99
53) 3-Nitroaniline	9.69	138	156553	27.758 ng		97
54) 2,4-Dinitrophenol	9.82	184	14641	5.886 ng		93
55) Dibenzofuran	9.94	168	1135778	43.132 ng		99
56) 4-Nitrophenol	9.87	139	172633	42.933 ng		92
57) 2,4-Dinitrotoluene	9.93	165	245765	38.642 ng		97
58) Fluorene	10.28	166	834926	40.815 ng		100
59) 2,3,4,6-Tetrachlorophenol	10.07	232	208578	35.642 ng		98
60) Diethylphthalate	10.16	149	932118	42.861 ng		99
61) 4-Chlorophenyl-phenylether	10.27	204	423776	42.505 ng		96
62) 4-Nitroaniline	10.30	138	215650	37.137 ng		98
63) Azobenzene	10.43	77	865912	42.298 ng		98
65) 4,6-Dinitro-2-methylphenol	10.35	198	17864	6.238 ng		97
66) n-Nitrosodiphenylamine	10.39	169	787944	49.051 ng		100
67) 4-Bromophenyl-phenylether	10.76	248	277361	48.611 ng		95
68) Hexachlorobenzene	10.83	284	307672	46.456 ng		96
69) Atrazine	10.92	200	238263	46.992 ng		97
70) Pentachlorophenol	11.03	266	141896	41.123 ng		97
71) Phenanthrene	11.24	178	1152777	44.342 ng		99
72) Anthracene	11.29	178	1204201	45.603 ng		100
73) Carbazole	11.45	167	1090721	43.287 ng		99
74) Di-n-butylphthalate	11.78	149	1351727	46.261 ng		99
75) Fluoranthene	12.42	202	1167041	39.710 ng		100
77) Benzidine	12.54	184	253036	16.822 ng		96
78) Pyrene	12.64	202	1183802	43.491 ng		100
80) Butylbenzylphthalate	13.26	149	510650	42.569 ng		99
81) Benzo(a)anthracene	13.83	228	986379	43.870 ng		99
82) 3,3'-Dichlorobenzidine	13.79	252	199923	22.165 ng		100
83) Chrysene	13.87	228	983664	43.072 ng		100
84) Bis(2-ethylhexyl)phthalate	13.83	149	622303	42.317 ng	#	97
85) Di-n-octyl phthalate	14.43	149	1153930	46.228 ng		100
86) Indeno(1,2,3-cd)pyrene	16.60	276	813509	41.506 ng		97
88) Benzo(b)fluoranthene	14.84	252	1019749	46.748 ng		99
89) Benzo(k)fluoranthene	14.87	252	836928	43.689 ng		98
90) Benzo(a)pyrene	15.19	252	866381	44.800 ng		99
91) Dibenzo(a,h)anthracene	16.60	278	697183	41.694 ng		100
92) Benzo(g,h,i)perylene	17.00	276	679965	40.330 ng		98

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032719\
Data File : BF113351.D
Acq On : 28 Mar 2019 2:05
Operator : JU/SJ
Sample : K2086-08MSD
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CS-11MSD

Quant Time: Mar 28 04:32:18 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF032519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 26 03:32:08 2019
Response via : Initial Calibration