Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022819\
Data File : BF112772.D
Acq On : 28 Feb 2019 20:23
Operator : JU/SJ
Sample : K1650-11MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-5(9-10)MSD

Manual Integrations APPROVED
Sohil
3/1/2019 3:00:15 PM

Quant Time: Mar 01 06:58:23 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 27 16:08:50 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	203764	20.00	ng		0.00
21) Naphthalene-d8	8.03	136	773967	20.00	ng		0.00
39) Acenaphthene-d10	9.77	164	351813	20.00	ng		0.00
64) Phenanthrene-d10	11.25	188	633906	20.00	ng		0.00
76) Chrysene-d12	13.88	240	389268	20.00	ng		0.00
87) Perylene-d12	15.29	264	471196	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.36	112	1032146	78.79	ng		0.01
7) Phenol-d6	6.38	99	1340664	81.48	ng		0.01
23) Nitrobenzene-d5	7.30	82	809333	62.57	ng		0.00
42) 2,4,6-Tribromophenol	10.56	330	342490	91.70	ng		0.00
45) 2-Fluorobiphenyl	9.10	172	1422088	66.50	ng		0.00
79) Terphenyl-d14	12.83	244	1228598	61.18	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.45	88	145184	22.111	ng		99
3) Pyridine	3.18	79	283869	16.159	ng		99
4) n-Nitrosodimethylamine	3.09	42	190133	24.742	ng		94
6) Aniline	6.40	93	577838	25.512	ng		98
8) 2-Chlorophenol	6.53	128	394612	27.062	ng		98
9) Benzaldehyde	6.29	77	185277	15.627	ng		98
10) Phenol	6.39	94	546960	28.485	ng		98
11) bis(2-Chloroethyl)ether	6.48	93	388868	26.385	ng		97
12) 1,3-Dichlorobenzene	6.69	146	418851	27.806	ng		98
13) 1,4-Dichlorobenzene	6.76	146	423785	28.053	ng		99
14) 1,2-Dichlorobenzene	6.92	146	392279	28.327	ng		100
15) Benzyl Alcohol	6.89	79	348518	27.776	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.03	45	632362	25.710	ng		99
17) 2-Methylphenol	7.00	107	321322	27.163	ng		97
18) Hexachloroethane	7.26	117	157370	27.196	ng		92
19) n-Nitroso-di-n-propylamine	7.16	70	270681	25.974	ng		97
20) 3+4-Methylphenols	7.15	107	383221	28.694	ng		91
22) Acetophenone	7.15	105	524456	28.980	ng	#	98
24) Nitrobenzene	7.32	77	422865	29.374	ng		100
25) Isophorone	7.56	82	757323	27.178	ng		99
26) 2-Nitrophenol	7.64	139	205644	34.316	ng		96
27) 2,4-Dimethylphenol	7.68	122	339480	30.450	ng		99
28) bis(2-Chloroethoxy)methane	7.77	93	492138	28.249	ng		99
29) 2,4-Dichlorophenol	7.88	162	323293	29.902	ng		98
30) 1,2,4-Trichlorobenzene	7.97	180	351952	30.296	ng		98
31) Naphthalene	8.05	128	1132228	29.465	ng		99
32) Benzoic acid	7.73	122	16245	2.079	ng		86
33) 4-Chloroaniline	8.09	127	442674	27.199	ng		98
34) Hexachlorobutadiene	8.17	225	202539	30.915	ng		98
35) Caprolactam	8.45	113	76894m	20.193	ng		
36) 4-Chloro-3-methylphenol	8.57	107	335398	28.031	ng		97
37) 2-Methylnaphthalene	8.74	142	749384	30.199	ng		99
38) 1-Methylnaphthalene	8.83	142	706506	29.391	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.90	216	317124	30.911	ng		99

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022819\
Data File : BF112772.D
Acq On : 28 Feb 2019 20:23
Operator : JU/SJ
Sample : K1650-11MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-5(9-10)MSD

Manual Integrations APPROVED
Sohil
3/1/2019 3:00:15 PM

Quant Time: Mar 01 06:58:23 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 27 16:08:50 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.90	237	383694	68.298	ng		99
43) 2,4,6-Trichlorophenol	9.01	196	232639	32.948	ng		97
44) 2,4,5-Trichlorophenol	9.05	196	235481	30.855	ng		97
46) 1,1'-Biphenyl	9.20	154	891726	31.075	ng		99
47) 2-Chloronaphthalene	9.22	162	685187	30.580	ng		99
48) 2-Nitroaniline	9.31	65	211100	30.996	ng		97
49) Acenaphthylene	9.63	152	1106609	29.092	ng		99
50) Dimethylphthalate	9.50	163	873117	33.658	ng		100
51) 2,6-Dinitrotoluene	9.56	165	172428	31.920	ng	#	81
52) Acenaphthene	9.81	154	669681	30.105	ng		99
53) 3-Nitroaniline	9.72	138	184117	27.971	ng		98
54) 2,4-Dinitrophenol	9.83	184	83692	41.274	ng		96
55) Dibenzofuran	9.98	168	958093	29.634	ng		96
56) 4-Nitrophenol	9.88	139	257869	48.203	ng		95
57) 2,4-Dinitrotoluene	9.96	165	222456	33.129	ng	#	85
58) Fluorene	10.32	166	683828	29.801	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.10	232	194593	30.604	ng		96
60) Diethylphthalate	10.20	149	777139	28.365	ng		99
61) 4-Chlorophenyl-phenylether	10.32	204	339717	31.820	ng		94
62) 4-Nitroaniline	10.33	138	157633	25.916	ng		96
63) Azobenzene	10.47	77	753031	26.834	ng		95
65) 4,6-Dinitro-2-methylphenol	10.36	198	77349	31.456	ng		84
66) n-Nitrosodiphenylamine	10.43	169	636642	31.315	ng		100
67) 4-Bromophenyl-phenylether	10.80	248	215831	32.325	ng		99
68) Hexachlorobenzene	10.87	284	248317	32.992	ng		95
69) Atrazine	10.96	200	172491	27.703	ng		98
70) Pentachlorophenol	11.06	266	232987	52.593	ng		98
71) Phenanthrene	11.27	178	986272	31.271	ng		99
72) Anthracene	11.33	178	1010835	30.618	ng		99
73) Carbazole	11.48	167	856821	26.604	ng		99
74) Di-n-butylphthalate	11.82	149	1132834	29.335	ng		99
75) Fluoranthene	12.46	202	960815	28.434	ng		97
77) Benzidine	12.58	184	445461	22.057	ng		98
78) Pyrene	12.69	202	947284	28.866	ng		98
80) Butylbenzylphthalate	13.31	149	415918	28.713	ng		94
81) Benzo(a)anthracene	13.87	228	772254	28.624	ng		99
82) 3,3'-Dichlorobenzidine	13.83	252	304051	29.799	ng		99
83) Chrysene	13.90	228	750496	28.399	ng		98
84) Bis(2-ethylhexyl)phthalate	13.87	149	514139	30.261	ng		99
85) Di-n-octyl phthalate	14.48	149	941197	32.261	ng		97
86) Indeno(1,2,3-cd)pyrene	16.65	276	1031707	45.794	ng		97
88) Benzo(b)fluoranthene	14.89	252	803803	26.373	ng		98
89) Benzo(k)fluoranthene	14.92	252	792594	28.710	ng		97
90) Benzo(a)pyrene	15.23	252	801548	29.733	ng		99
91) Dibenzo(a,h)anthracene	16.67	278	858038	37.299	ng		99
92) Benzo(g,h,i)perylene	17.06	276	883141	38.232	ng		97

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022819\
Data File : BF112772.D
Acq On : 28 Feb 2019 20:23
Operator : JU/SJ
Sample : K1650-11MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Mar 01 06:58:23 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 27 16:08:50 2019
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
B-5(9-10)MSD

Manual Integrations APPROVED
Sohil
3/1/2019 3:00:15 PM