Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041118\
Data File : BF104440.D
Acq On : 11 Apr 2018 16:09
Operator : JU/SJ
Sample : PB108147BS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB108147BS

Manual Integrations APPROVED
Sohil
4/12/2018 2:30:42 PM

Quant Time: Apr 11 18:44:58 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 11 13:19:22 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	144392	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	564191	20.00	ng		0.00
38) Acenaphthene-d10	9.85	164	236053	20.00	ng		0.00
63) Phenanthrene-d10	11.34	188	357929	20.00	ng		0.00
75) Chrysene-d12	13.99	240	259293	20.00	ng		0.00
86) Perylene-d12	15.45	264	204703	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	1059762	112.22	ng		0.03
7) Phenol-d6	6.45	99	1317237	113.53	ng		0.01
23) Nitrobenzene-d5	7.38	82	816010	94.44	ng		0.00
41) 2,4,6-Tribromophenol	10.65	330	274522	112.11	ng		0.00
44) 2-Fluorobiphenyl	9.17	172	1373086	91.89	ng		0.00
78) Terphenyl-d14	12.93	244	1036107	91.10	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.63	88	150997	34.316	ng		88
3) Pyridine	3.37	79	435412	35.195	ng		88
4) n-Nitrosodimethylamine	3.33	42	181629	42.000	ng		80
6) Aniline	6.47	93	493566	30.619	ng		99
8) 2-Chlorophenol	6.60	128	407791	40.914	ng		97
9) Benzaldehyde	6.36	77	136412	19.461	ng		98
10) Phenol	6.46	94	491770	39.946	ng		89
11) bis(2-Chloroethyl)ether	6.55	93	392762	39.979	ng		97
12) 1,3-Dichlorobenzene	6.75	146	427416	37.853	ng		98
13) 1,4-Dichlorobenzene	6.83	146	428875	38.103	ng		99
14) 1,2-Dichlorobenzene	6.98	146	400771	38.422	ng		99
15) Benzyl Alcohol	6.96	79	342959	38.917	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.09	45	500160	37.910	ng		92
17) 2-Methylphenol	7.07	107	345507	39.879	ng		96
18) Hexachloroethane	7.32	117	128461	32.010	ng		97
19) n-Nitroso-di-n-propylamine	7.23	70	271507	35.810	ng		93
20) 3+4-Methylphenols	7.22	107	389981	36.293	ng	#	72
22) Acetophenone	7.22	105	534419	38.475	ng	#	94
24) Nitrobenzene	7.40	77	412466	43.238	ng		97
25) Isophorone	7.63	82	774952	42.414	ng		98
26) 2-Nitrophenol	7.71	139	214697	55.284	ng		96
27) 2,4-Dimethylphenol	7.75	122	378817	46.979	ng		98
28) bis(2-Chloroethoxy)methane	7.85	93	494044	44.225	ng		99
29) 2,4-Dichlorophenol	7.95	162	328580	42.707	ng		96
30) 1,2,4-Trichlorobenzene	8.03	180	342476	40.560	ng		99
31) Naphthalene	8.12	128	1128179	40.158	ng		99
32) Benzoic acid	7.88	122	252195	39.198	ng		96
33) 4-Chloroaniline	8.17	127	383030	31.824	ng		97
34) Hexachlorobutadiene	8.23	225	185272	40.059	ng		98
35) Caprolactam	8.55	113	108363m	40.374	ng		
36) 4-Chloro-3-methylphenol	8.65	107	341682	41.417	ng		98
37) 2-Methylnaphthalene	8.81	142	726031	39.953	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	309918	45.865	ng		99
40) Hexachlorocyclopentadiene	8.96	237	64552	17.064	ng		96

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041118\
Data File : BF104440.D
Acq On : 11 Apr 2018 16:09
Operator : JU/SJ
Sample : PB108147BS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB108147BS

Manual Integrations APPROVED
Sohil
4/12/2018 2:30:42 PM

Quant Time: Apr 11 18:44:58 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 11 13:19:22 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	215303	45.900	ng		98
43) 2,4,5-Trichlorophenol	9.13	196	222686	42.424	ng		99
45) 1,1'-Biphenyl	9.27	154	850654	42.897	ng		99
46) 2-Chloronaphthalene	9.30	162	662762	42.313	ng		100
47) 2-Nitroaniline	9.40	65	202696	52.329	ng		91
48) Acenaphthylene	9.72	152	965506	39.288	ng		99
49) Dimethylphthalate	9.57	163	804854	43.238	ng		100
50) 2,6-Dinitrotoluene	9.64	165	166593	48.366	ng		93
51) Acenaphthene	9.89	154	568269	37.899	ng		100
52) 3-Nitroaniline	9.80	138	151444	37.557	ng		96
53) 2,4-Dinitrophenol	9.91	184	46793	43.115	ng	#	21
54) Dibenzofuran	10.06	168	849461	40.652	ng		97
55) 4-Nitrophenol	9.97	139	271449	85.696	ng		93
56) 2,4-Dinitrotoluene	10.05	165	209112	46.283	ng	#	92
57) Fluorene	10.40	166	610736	40.155	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.17	232	162167	41.411	ng		95
59) Diethylphthalate	10.27	149	746448	40.264	ng		99
60) 4-Chlorophenyl-phenylether	10.39	204	291837	43.085	ng		99
61) 4-Nitroaniline	10.42	138	162469	41.207	ng		98
62) Azobenzene	10.55	77	659605	37.241	ng		97
64) 4,6-Dinitro-2-methylphenol	10.45	198	34359	24.041	ng	#	74
65) n-Nitrosodiphenylamine	10.52	169	578333	46.601	ng		99
66) 4-Bromophenyl-phenylether	10.89	248	176320	46.312	ng	#	88
67) Hexachlorobenzene	10.95	284	185094	43.207	ng	#	86
68) Atrazine	11.04	200	171439	45.766	ng		98
69) Pentachlorophenol	11.14	266	189326	71.437	ng		97
70) Phenanthrene	11.37	178	814156	40.845	ng		99
71) Anthracene	11.42	178	842781	41.594	ng		100
72) Carbazole	11.57	167	771234	38.952	ng		99
73) Di-n-butylphthalate	11.90	149	1020612	42.198	ng		99
74) Fluoranthene	12.56	202	791817	38.021	ng		98
76) Benzidine	12.68	184	694260	Below Cal			97
77) Pyrene	12.79	202	786230	40.908	ng		100
79) Butylbenzylphthalate	13.40	149	387401	42.785	ng		99
80) Benzo(a)anthracene	13.97	228	672551	43.417	ng		99
81) 3,3'-Dichlorobenzidine	13.94	252	267895	46.383	ng		99
82) Chrysene	14.02	228	651131	40.923	ng		100
83) Bis(2-ethylhexyl)phthalate	13.96	149	524518	45.036	ng		99
84) Di-n-octyl phthalate	14.59	149	879862	45.213	ng		96
85) Indeno(1,2,3-cd)pyrene	16.90	276	499779	36.976	ng		97
87) Benzo(b)fluoranthene	15.03	252	616166	47.659	ng		98
88) Benzo(k)fluoranthene	15.06	252	516852	42.345	ng		99
89) Benzo(a)pyrene	15.39	252	524347	45.328	ng		99
90) Dibenzo(a,h)anthracene	16.93	278	420956	44.308	ng		97
91) Benzo(g,h,i)perylene	17.34	276	401292	43.597	ng		96

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041118\
Data File : BF104440.D
Acq On : 11 Apr 2018 16:09
Operator : JU/SJ
Sample : PB108147BS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Apr 11 18:44:58 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 11 13:19:22 2018
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB108147BS

Manual Integrations APPROVED
Sohil
4/12/2018 2:30:42 PM