Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052519\
Data File : BF114618.D
Acq On : 25 May 2019 21:34
Operator : JU/SJ
Sample : PB119929BSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB119929BSD

Manual Integrations APPROVED
mohammad
5/27/2019 3:50:24 AM

Quant Time: May 27 01:07:34 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 24 07:23:33 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	140594	20.00	ng		-0.02
21) Naphthalene-d8	8.08	136	528921	20.00	ng		-0.02
39) Acenaphthene-d10	9.84	164	251579	20.00	ng		-0.01
64) Phenanthrene-d10	11.33	188	489851	20.00	ng		-0.01
76) Chrysene-d12	13.97	240	348047	20.00	ng		-0.02
87) Perylene-d12	15.43	264	335681	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	1121766	128.40	ng		0.00
7) Phenol-d6	6.45	99	1429600	138.35	ng		-0.01
23) Nitrobenzene-d5	7.37	82	859020	91.14	ng		-0.01
42) 2,4,6-Tribromophenol	10.63	330	330425	127.04	ng		-0.01
45) 2-Fluorobiphenyl	9.16	172	1542077	92.72	ng		-0.02
79) Terphenyl-d14	12.90	244	1530041	90.62	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.62	88	209691	43.667	ng		100
3) Pyridine	3.36	79	409869	30.978	ng		100
4) n-Nitrosodimethylamine	3.31	42	217937	34.158	ng		99
6) Aniline	6.47	93	410261	27.486	ng	#	58
8) 2-Chlorophenol	6.59	128	404546	43.375	ng		96
9) Benzaldehyde	6.35	77	196926	27.223	ng		97
10) Phenol	6.46	94	500116	41.143	ng		85
11) bis(2-Chloroethyl)ether	6.53	93	382617	41.462	ng		98
12) 1,3-Dichlorobenzene	6.74	146	423778	40.478	ng		98
13) 1,4-Dichlorobenzene	6.82	146	440549	41.759	ng		98
14) 1,2-Dichlorobenzene	6.97	146	401160	41.621	ng		99
15) Benzyl Alcohol	6.95	79	318950	39.576	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.07	45	683451	38.196	ng		59
17) 2-Methylphenol	7.07	107	320781	41.869	ng	#	90
18) Hexachloroethane	7.30	117	159800	40.354	ng		96
19) n-Nitroso-di-n-propylamine	7.22	70	274191	41.864	ng		100
20) 3+4-Methylphenols	7.22	107	420057	47.454	ng	#	69
22) Acetophenone	7.21	105	544662	46.484	ng	#	87
24) Nitrobenzene	7.39	77	423266	44.094	ng		96
25) Isophorone	7.62	82	754718	43.178	ng		99
26) 2-Nitrophenol	7.70	139	216788	46.549	ng		97
27) 2,4-Dimethylphenol	7.75	122	351130	48.004	ng		98
28) bis(2-Chloroethoxy)methane	7.83	93	481306	42.439	ng		99
29) 2,4-Dichlorophenol	7.96	162	336734	46.232	ng		96
30) 1,2,4-Trichlorobenzene	8.03	180	357225	43.131	ng		97
31) Naphthalene	8.10	128	1142616	46.247	ng		99
32) Benzoic acid	7.90	122	187830m	37.767	ng		
33) 4-Chloroaniline	8.16	127	295973	26.288	ng		99
34) Hexachlorobutadiene	8.22	225	196660	41.731	ng		99
35) Caprolactam	8.53	113	107529m	45.276	ng		
36) 4-Chloro-3-methylphenol	8.66	107	348165	47.489	ng		98
37) 2-Methylnaphthalene	8.80	142	774224	48.569	ng		97
38) 1-Methylnaphthalene	8.90	142	725866	48.354	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	351113	46.073	ng		99

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052519\
Data File : BF114618.D
Acq On : 25 May 2019 21:34
Operator : JU/SJ
Sample : PB119929BSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB119929BSD

Manual Integrations APPROVED
mohammad
5/27/2019 3:50:24 AM

Quant Time: May 27 01:07:34 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 24 07:23:33 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	150390	44.393	ng		99
43) 2,4,6-Trichlorophenol	9.09	196	210519	40.161	ng		97
44) 2,4,5-Trichlorophenol	9.13	196	215754	40.135	ng		95
46) 1,1'-Biphenyl	9.26	154	937562	46.130	ng		98
47) 2-Chloronaphthalene	9.29	162	707103	43.230	ng		99
48) 2-Nitroaniline	9.39	65	236237	40.724	ng		91
49) Acenaphthylene	9.70	152	1120483	45.040	ng		98
50) Dimethylphthalate	9.56	163	783070	42.401	ng		100
51) 2,6-Dinitrotoluene	9.63	165	179359	43.786	ng		98
52) Acenaphthene	9.87	154	653875	42.832	ng		99
53) 3-Nitroaniline	9.80	138	138371	27.212	ng		95
54) 2,4-Dinitrophenol	9.93	184	143001	70.318	ng		92
55) Dibenzofuran	10.05	168	938162	41.910	ng		100
56) 4-Nitrophenol	9.99	139	175117	48.698	ng		99
57) 2,4-Dinitrotoluene	10.05	165	220648	39.686	ng	#	79
58) Fluorene	10.39	166	780954	45.166	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.17	232	180972	39.016	ng		99
60) Diethylphthalate	10.26	149	781168	41.629	ng		98
61) 4-Chlorophenyl-phenylether	10.37	204	369457	43.505	ng		96
62) 4-Nitroaniline	10.42	138	189985	35.556	ng		97
63) Azobenzene	10.54	77	763568	42.039	ng		97
65) 4,6-Dinitro-2-methylphenol	10.46	198	99120	42.111	ng		99
66) n-Nitrosodiphenylamine	10.50	169	683184	45.953	ng		99
67) 4-Bromophenyl-phenylether	10.86	248	227113	42.109	ng		97
68) Hexachlorobenzene	10.95	284	247730	41.519	ng		92
69) Atrazine	11.02	200	198177	42.835	ng		99
70) Pentachlorophenol	11.15	266	148070	52.351	ng		98
71) Phenanthrene	11.35	178	1094630	45.931	ng		99
72) Anthracene	11.40	178	1127546	47.105	ng		98
73) Carbazole	11.56	167	1062317	46.539	ng		98
74) Di-n-butylphthalate	11.88	149	1195538	45.462	ng		99
75) Fluoranthene	12.54	202	1184493	46.154	ng		99
77) Benzidine	12.66	184	577412	36.958	ng		98
78) Pyrene	12.77	202	1189030	42.467	ng		99
80) Butylbenzylphthalate	13.37	149	522111	44.303	ng		98
81) Benzo(a)anthracene	13.96	228	985106	43.760	ng		99
82) 3,3'-Dichlorobenzidine	13.92	252	293052	33.557	ng		100
83) Chrysene	14.00	228	978424	44.338	ng		98
84) Bis(2-ethylhexyl)phthalate	13.93	149	697884	45.279	ng		100
85) Di-n-octyl phthalate	14.54	149	1155457	46.245	ng		98
86) Indeno(1,2,3-cd)pyrene	16.89	276	902712	46.286	ng		99
88) Benzo(b)fluoranthene	15.00	252	1027821	47.793	ng		99
89) Benzo(k)fluoranthene	15.03	252	857912	43.427	ng		99
90) Benzo(a)pyrene	15.37	252	894306	47.251	ng		98
91) Dibenzo(a,h)anthracene	16.89	278	763064	48.519	ng		100
92) Benzo(g,h,i)perylene	17.33	276	783417	49.706	ng		98

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052519\
Data File : BF114618.D
Acq On : 25 May 2019 21:34
Operator : JU/SJ
Sample : PB119929BSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: May 27 01:07:34 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 24 07:23:33 2019
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB119929BSD

Manual Integrations APPROVED
mohammad
5/27/2019 3:50:24 AM