Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080620\
Data File : BF121203.D
Acq On : 6 Aug 2020 15:36
Operator : JU/CG
Sample : PB130763BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB130763BS

Manual Integrations APPROVED
mohammad
8/7/2020 1:50:51 PM

Quant Time: Aug 06 17:49:24 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 29 14:55:43 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	139200	20.00	ng		-0.01
21) Naphthalene-d8	8.07	136	531554	20.00	ng		-0.01
39) Acenaphthene-d10	9.83	164	266578	20.00	ng		0.00
64) Phenanthrene-d10	11.32	188	485018	20.00	ng		0.00
76) Chrysene-d12	13.96	240	362989	20.00	ng		0.00
86) Perylene-d12	15.40	264	365664	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	870048	102.47	ng		0.00
7) Phenol-d6	6.44	99	1053288	96.03	ng		0.00
23) Nitrobenzene-d5	7.36	82	710593	77.35	ng		-0.01
42) 2,4,6-Tribromophenol	10.63	330	304185	104.25	ng		0.00
45) 2-Fluorobiphenyl	9.16	172	1281315	71.76	ng		0.00
79) Terphenyl-d14	12.90	244	1236726	74.06	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.58	88	141643	36.245	ng		99
3) Pyridine	3.31	79	338551	32.566	ng		99
4) n-Nitrosodimethylamine	3.26	42	176084	39.611	ng		99
6) Aniline	6.46	93	476285	33.266	ng		94
8) 2-Chlorophenol	6.58	128	394077	42.129	ng		99
9) Benzaldehyde	6.35	77	251122	50.684	ng		99
10) Phenol	6.45	94	460081	38.132	ng		94
11) bis(2-Chloroethyl)ether	6.53	93	375357	40.593	ng		96
12) 1,3-Dichlorobenzene	6.73	146	406402	40.067	ng		98
13) 1,4-Dichlorobenzene	6.81	146	409814	40.632	ng		99
14) 1,2-Dichlorobenzene	6.96	146	391647	41.046	ng		100
15) Benzyl Alcohol	6.94	79	310590	40.041	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.07	45	522430	39.198	ng		96
17) 2-Methylphenol	7.06	107	308071	37.158	ng		99
18) Hexachloroethane	7.30	117	152348	41.733	ng		99
19) n-Nitroso-di-n-propylamine	7.21	70	236251	37.879	ng		96
20) 3+4-Methylphenols	7.21	107	354253	33.589	ng		97
22) Acetophenone	7.20	105	491264	41.180	ng	#	98
24) Nitrobenzene	7.38	77	392766	39.669	ng		99
25) Isophorone	7.62	82	708107	38.623	ng		96
26) 2-Nitrophenol	7.69	139	210732	44.814	ng		96
27) 2,4-Dimethylphenol	7.73	122	330810	43.329	ng		98
28) bis(2-Chloroethoxy)methane	7.83	93	459090	41.021	ng		100
29) 2,4-Dichlorophenol	7.94	162	316589	40.580	ng		99
30) 1,2,4-Trichlorobenzene	8.02	180	347328	40.127	ng		98
31) Naphthalene	8.10	128	1081393	39.661	ng		100
32) Benzoic acid	7.87	122	200268	34.944	ng		99
33) 4-Chloroaniline	8.15	127	358076	29.439	ng		99
34) Hexachlorobutadiene	8.22	225	202886	39.761	ng		99
35) Caprolactam	8.53	113	98686	39.445	ng	#	85
36) 4-Chloro-3-methylphenol	8.64	107	322793	40.342	ng		98
37) 2-Methylnaphthalene	8.79	142	725723	40.992	ng		99
38) 1-Methylnaphthalene	8.89	142	678961	40.493	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	335257	43.165	ng		99

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080620\
Data File : BF121203.D
Acq On : 6 Aug 2020 15:36
Operator : JU/CG
Sample : PB130763BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB130763BS

Manual Integrations APPROVED
mohammad
8/7/2020 1:50:51 PM

Quant Time: Aug 06 17:49:24 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 29 14:55:43 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	341555	79.568 ng	99
43) 2,4,6-Trichlorophenol	9.07	196	222938	40.767 ng	98
44) 2,4,5-Trichlorophenol	9.12	196	240483	38.767 ng	97
46) 1,1'-Biphenyl	9.26	154	865153	42.546 ng	99
47) 2-Chloronaphthalene	9.28	162	664752	40.096 ng	99
48) 2-Nitroaniline	9.38	65	203528	40.623 ng	98
49) Acenaphthylene	9.70	152	1057112	41.044 ng	99
50) Dimethylphthalate	9.56	163	785985	40.869 ng	100
51) 2,6-Dinitrotoluene	9.62	165	172921	41.851 ng	100
52) Acenaphthene	9.87	154	707621m	43.214 ng	
53) 3-Nitroaniline	9.79	138	144836	27.950 ng	100
54) 2,4-Dinitrophenol	9.90	184	160724	68.641 ng	97
55) Dibenzofuran	10.04	168	927233	39.158 ng	99
56) 4-Nitrophenol	9.97	139	254338	64.612 ng	98
57) 2,4-Dinitrotoluene	10.03	165	224632	41.400 ng	89
58) Fluorene	10.39	166	698243	39.537 ng	98
59) 2,3,4,6-Tetrachlorophenol	10.16	232	205095	43.424 ng	99
60) Diethylphthalate	10.26	149	775450	39.863 ng	99
61) 4-Chlorophenyl-phenylether	10.37	204	348707	37.019 ng	97
62) 4-Nitroaniline	10.41	138	187575	37.160 ng	99
63) Azobenzene	10.53	77	729198	39.375 ng	99
65) 4,6-Dinitro-2-methylphenol	10.44	198	119202	42.908 ng	95
66) n-Nitrosodiphenylamine	10.50	169	653359	42.822 ng	99
67) 4-Bromophenyl-phenylether	10.86	248	229236	42.392 ng	97
68) Hexachlorobenzene	10.93	284	256811	43.903 ng	98
69) Atrazine	11.02	200	185013	48.962 ng	98
70) Pentachlorophenol	11.13	266	265371	79.188 ng	98
71) Phenanthrene	11.35	178	1030610	41.316 ng	100
72) Anthracene	11.40	178	1073868	42.872 ng	99
73) Carbazole	11.56	167	979141	39.390 ng	99
74) Di-n-butylphthalate	11.88	149	1221511	42.582 ng	100
75) Fluoranthene	12.53	202	1121123	40.548 ng	98
77) Benzidine	12.66	184	633856	66.417 ng	99
78) Pyrene	12.76	202	1141084	44.463 ng	99
80) Butylbenzylphthalate	13.38	149	507688	44.377 ng	97
81) Benzo(a)anthracene	13.95	228	952527	43.335 ng	100
82) 3,3'-Dichlorobenzidine	13.92	252	320892	38.696 ng	99
83) Chrysene	13.99	228	947169	41.004 ng	99
84) Bis(2-ethylhexyl)phthalate	13.94	149	692727	49.104 ng	100
85) Di-n-octyl phthalate	14.55	149	1208248	43.049 ng	99
87) Indeno(1,2,3-cd)pyrene	16.84	276	1063318	41.813 ng	100
88) Benzo(b)fluoranthene	14.99	252	932327	42.181 ng	99
89) Benzo(k)fluoranthene	15.02	252	912283	45.257 ng	100
90) Benzo(a)pyrene	15.35	252	855846	42.440 ng	98
91) Dibenzo(a,h)anthracene	16.86	278	876716	42.205 ng	98
92) Benzo(g,h,i)perylene	17.27	276	900861	43.983 ng	99

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080620\
Data File : BF121203.D
Acq On : 6 Aug 2020 15:36
Operator : JU/CG
Sample : PB130763BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Aug 06 17:49:24 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 29 14:55:43 2020
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB130763BS

Manual Integrations APPROVED
mohammad
8/7/2020 1:50:51 PM