Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF123119\
Data File : BF118399.D
Acq On : 31 Dec 2019 12:04
Operator : JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
1/2/2020 11:49:36 AM

Quant Time: Dec 31 17:50:23 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF122419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 24 15:58:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	184551	20.00	ng		0.00
21) Naphthalene-d8	8.15	136	714533	20.00	ng		0.00
39) Acenaphthene-d10	9.91	164	375928	20.00	ng		0.01
64) Phenanthrene-d10	11.40	188	682639	20.00	ng		0.01
76) Chrysene-d12	14.06	240	445343	20.00	ng		0.01
87) Perylene-d12	15.55	264	360718	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	807588	74.70	ng		0.01
7) Phenol-d6	6.50	99	1004470	74.89	ng		0.01
23) Nitrobenzene-d5	7.43	82	941094	75.33	ng		0.00
42) 2,4,6-Tribromophenol	10.70	330	339679	73.17	ng		0.01
45) 2-Fluorobiphenyl	9.22	172	1852516	75.22	ng		0.00
79) Terphenyl-d14	12.99	244	2088068	77.79	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.59	88	154292	35.899	ng		100
3) Pyridine	3.35	79	435507	38.033	ng		97
4) n-Nitrosodimethylamine	3.32	42	174995	36.963	ng		98
6) Aniline	6.52	93	624966	36.696	ng		93
8) 2-Chlorophenol	6.65	128	463722	37.871	ng		97
9) Benzaldehyde	6.41	77	269018	34.212	ng		96
10) Phenol	6.52	94	558426	37.044	ng	#	72
11) bis(2-Chloroethyl)ether	6.59	93	408149	37.859	ng		100
12) 1,3-Dichlorobenzene	6.80	146	531687	37.702	ng		97
13) 1,4-Dichlorobenzene	6.87	146	537915	37.554	ng		98
14) 1,2-Dichlorobenzene	7.03	146	503530	37.234	ng		100
15) Benzyl Alcohol	7.00	79	378355	37.051	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.13	45	441433	38.373	ng		82
17) 2-Methylphenol	7.12	107	366208	37.288	ng	#	94
18) Hexachloroethane	7.37	117	198135	37.689	ng		94
19) n-Nitroso-di-n-propylamine	7.28	70	307862	37.261	ng		97
20) 3+4-Methylphenols	7.27	107	464013	36.916	ng		95
22) Acetophenone	7.27	105	646860	36.937	ng	#	94
24) Nitrobenzene	7.45	77	464635	37.128	ng		100
25) Isophorone	7.69	82	813003	37.341	ng		99
26) 2-Nitrophenol	7.76	139	261415	39.438	ng		100
27) 2,4-Dimethylphenol	7.80	122	336018	37.154	ng		100
28) bis(2-Chloroethoxy)methane	7.89	93	534052	37.506	ng		99
29) 2,4-Dichlorophenol	8.01	162	395998	38.042	ng		97
30) 1,2,4-Trichlorobenzene	8.09	180	454055	37.445	ng		98
31) Naphthalene	8.17	128	1370976	37.750	ng		99
32) Benzoic acid	7.96	122	238810m	33.248	ng		
33) 4-Chloroaniline	8.22	127	586327	37.660	ng		99
34) Hexachlorobutadiene	8.28	225	271363	37.595	ng		99
35) Caprolactam	8.61	113	123221	37.916	ng		96
36) 4-Chloro-3-methylphenol	8.71	107	414206	37.062	ng		99
37) 2-Methylnaphthalene	8.86	142	920752	37.030	ng		100
38) 1-Methylnaphthalene	8.96	142	875547	37.375	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.03	216	432467	38.288	ng		99

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF123119\
Data File : BF118399.D
Acq On : 31 Dec 2019 12:04
Operator : JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
1/2/2020 11:49:36 AM

Quant Time: Dec 31 17:50:23 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF122419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 24 15:58:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.01	237	133178	33.876	ng		98
43) 2,4,6-Trichlorophenol	9.15	196	279067	36.983	ng		99
44) 2,4,5-Trichlorophenol	9.19	196	285018	36.717	ng		99
46) 1,1'-Biphenyl	9.33	154	1131521	38.055	ng		99
47) 2-Chloronaphthalene	9.36	162	908640	37.970	ng		98
48) 2-Nitroaniline	9.46	65	257422	38.084	ng		94
49) Acenaphthylene	9.77	152	1323919	37.302	ng		99
50) Dimethylphthalate	9.63	163	1051024	37.246	ng		99
51) 2,6-Dinitrotoluene	9.70	165	225885	37.129	ng		97
52) Acenaphthene	9.95	154	814733	37.687	ng		99
53) 3-Nitroaniline	9.87	138	273055	38.241	ng		96
54) 2,4-Dinitrophenol	9.99	184	116325	40.649	ng		96
55) Dibenzofuran	10.12	168	1174573	36.771	ng		98
56) 4-Nitrophenol	10.05	139	171382	38.879	ng		92
57) 2,4-Dinitrotoluene	10.11	165	299713	36.869	ng	#	85
58) Fluorene	10.46	166	962750	37.336	ng		97
59) 2,3,4,6-Tetrachlorophenol	10.24	232	235627	35.725	ng		98
60) Diethylphthalate	10.33	149	1038757	37.209	ng		99
61) 4-Chlorophenyl-phenylether	10.45	204	482808	37.507	ng		98
62) 4-Nitroaniline	10.49	138	276018	37.210	ng		99
63) Azobenzene	10.61	77	884033	36.970	ng		99
65) 4,6-Dinitro-2-methylphenol	10.52	198	146001	39.646	ng		86
66) n-Nitrosodiphenylamine	10.57	169	840684	38.425	ng		99
67) 4-Bromophenyl-phenylether	10.94	248	302217	37.830	ng		98
68) Hexachlorobenzene	11.02	284	360002	38.284	ng	#	91
69) Atrazine	11.10	200	253933	37.606	ng		95
70) Pentachlorophenol	11.22	266	143417	35.216	ng		100
71) Phenanthrene	11.43	178	1382144	37.140	ng		100
72) Anthracene	11.48	178	1412129	37.911	ng		99
73) Carbazole	11.64	167	1255178	37.975	ng		98
74) Di-n-butylphthalate	11.96	149	1618744	38.625	ng		100
75) Fluoranthene	12.62	202	1421134	37.839	ng		97
77) Benzidine	12.74	184	584292	47.882	ng		99
78) Pyrene	12.86	202	1415753	38.930	ng		99
80) Butylbenzylphthalate	13.46	149	664325	40.570	ng		99
81) Benzo(a)anthracene	14.05	228	1173579	37.648	ng		99
82) 3,3'-Dichlorobenzidine	14.01	252	414239	39.193	ng		99
83) Chrysene	14.09	228	1111036	37.222	ng		100
84) Bis(2-ethylhexyl)phthalate	14.02	149	861224	39.998	ng		100
85) Di-n-octyl phthalate	14.63	149	1210914	38.233	ng		100
86) Indeno(1,2,3-cd)pyrene	17.08	276	881767	34.671	ng		100
88) Benzo(b)fluoranthene	15.12	252	919044	38.382	ng		100
89) Benzo(k)fluoranthene	15.14	252	881557	38.344	ng		99
90) Benzo(a)pyrene	15.49	252	807058	38.262	ng		99
91) Dibenzo(a,h)anthracene	17.09	278	742468	40.562	ng		99
92) Benzo(g,h,i)perylene	17.53	276	704970	39.870	ng		98

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF123119\
Data File : BF118399.D
Acq On : 31 Dec 2019 12:04
Operator : JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 31 17:50:23 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF122419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 24 15:58:52 2019
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
1/2/2020 11:49:36 AM