Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030520\
Data File : BF119230.D
Acq On : 5 Mar 2020 23:59
Operator : CG/JU
Sample : L1775-13MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CR-3MS

Manual Integrations APPROVED
mohammad
3/9/2020 8:27:30 AM

Quant Time: Mar 06 07:43:44 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 26 16:03:05 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	147729	20.00	ng		-0.02
21) Naphthalene-d8	8.00	136	587776	20.00	ng		-0.03
39) Acenaphthene-d10	9.76	164	331515	20.00	ng		-0.02
64) Phenanthrene-d10	11.25	188	607670	20.00	ng		-0.02
76) Chrysene-d12	13.89	240	369109	20.00	ng		-0.02
87) Perylene-d12	15.30	264	313482	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	928718	105.06	ng		0.00
7) Phenol-d6	6.39	99	1127952	104.92	ng		-0.02
23) Nitrobenzene-d5	7.29	82	765955	68.81	ng		-0.03
42) 2,4,6-Tribromophenol	10.56	330	416082	95.94	ng		-0.02
45) 2-Fluorobiphenyl	9.09	172	1499831	66.65	ng		-0.02
79) Terphenyl-d14	12.83	244	1738637	81.10	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.50	88	149663	38.026	ng		99
3) Pyridine	3.23	79	364070	33.871	ng		99
4) n-Nitrosodimethylamine	3.18	42	152560	46.853	ng		92
6) Aniline	6.39	93	243566	18.361	ng	#	72
8) 2-Chlorophenol	6.52	128	455228	47.719	ng		98
9) Benzaldehyde	6.27	77	347113	48.326	ng		100
10) Phenol	6.40	94	527415	45.375	ng		83
11) bis(2-Chloroethyl)ether	6.46	93	406738	45.733	ng		98
12) 1,3-Dichlorobenzene	6.66	146	490681	42.914	ng		97
13) 1,4-Dichlorobenzene	6.74	146	497140	43.449	ng		100
14) 1,2-Dichlorobenzene	6.89	146	453830	43.491	ng		99
15) Benzyl Alcohol	6.88	79	366736	47.199	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.00	45	325577	42.260	ng	#	22
17) 2-Methylphenol	7.00	107	363262	46.967	ng	#	91
18) Hexachloroethane	7.23	117	177654	43.399	ng		95
19) n-Nitroso-di-n-propylamine	7.15	70	305648	48.790	ng		98
20) 3+4-Methylphenols	7.16	107	480043	50.660	ng	#	85
22) Acetophenone	7.14	105	608377	44.735	ng	#	96
24) Nitrobenzene	7.31	77	466954	42.417	ng		97
25) Isophorone	7.55	82	834785	43.179	ng		99
26) 2-Nitrophenol	7.63	139	253702	43.495	ng		99
27) 2,4-Dimethylphenol	7.67	122	369276	46.648	ng		96
28) bis(2-Chloroethoxy)methane	7.76	93	508379	40.399	ng		99
29) 2,4-Dichlorophenol	7.88	162	397214	42.623	ng		99
30) 1,2,4-Trichlorobenzene	7.95	180	438899	39.722	ng		97
31) Naphthalene	8.03	128	1291108	42.355	ng		99
32) Benzoic acid	7.85	122	217519	39.097	ng		98
33) 4-Chloroaniline	8.09	127	126436	9.644	ng		98
34) Hexachlorobutadiene	8.15	225	264512	38.432	ng		98
35) Caprolactam	8.47	113	114752m	39.990	ng		
36) 4-Chloro-3-methylphenol	8.59	107	421736	44.715	ng		98
37) 2-Methylnaphthalene	8.72	142	899695	43.857	ng		99
38) 1-Methylnaphthalene	8.82	142	836521	43.360	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.89	216	441356	39.487	ng		99

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030520\
Data File : BF119230.D
Acq On : 5 Mar 2020 23:59
Operator : CG/JU
Sample : L1775-13MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CR-3MS

Manual Integrations APPROVED
mohammad
3/9/2020 8:27:30 AM

Quant Time: Mar 06 07:43:44 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 26 16:03:05 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.87	237	235452	60.470	ng		99
43) 2,4,6-Trichlorophenol	9.01	196	282296	39.994	ng		99
44) 2,4,5-Trichlorophenol	9.06	196	294643	39.780	ng		96
46) 1,1'-Biphenyl	9.19	154	1086304	40.544	ng		98
47) 2-Chloronaphthalene	9.21	162	864312	40.031	ng		98
48) 2-Nitroaniline	9.32	65	244978	40.679	ng		98
49) Acenaphthylene	9.63	152	1323876	42.453	ng		99
50) Dimethylphthalate	9.49	163	1218261	48.057	ng		99
51) 2,6-Dinitrotoluene	9.56	165	234413	41.621	ng	#	85
52) Acenaphthene	9.80	154	781505	41.561	ng		100
53) 3-Nitroaniline	9.73	138	80401	12.877	ng		97
54) 2,4-Dinitrophenol	9.85	184	210427	77.165	ng	#	90
55) Dibenzofuran	9.97	168	1158346	41.272	ng		100
56) 4-Nitrophenol	9.92	139	209095	55.737	ng		96
57) 2,4-Dinitrotoluene	9.97	165	294588	40.353	ng		93
58) Fluorene	10.31	166	932979	42.780	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.10	232	265762	42.523	ng		94
60) Diethylphthalate	10.19	149	1007262	42.163	ng		99
61) 4-Chlorophenyl-phenylether	10.30	204	488493	42.316	ng		100
62) 4-Nitroaniline	10.35	138	204121	31.953	ng		98
63) Azobenzene	10.46	77	898433	43.266	ng		98
65) 4,6-Dinitro-2-methylphenol	10.39	198	170539	46.379	ng		95
66) n-Nitrosodiphenylamine	10.42	169	851284	42.784	ng		100
67) 4-Bromophenyl-phenylether	10.79	248	320936	40.405	ng		98
68) Hexachlorobenzene	10.86	284	374445	40.888	ng		97
69) Atrazine	10.96	200	278170	40.013	ng		97
70) Pentachlorophenol	11.07	266	260748	70.682	ng		98
71) Phenanthrene	11.27	178	1388579	41.901	ng		99
72) Anthracene	11.33	178	1422933	42.974	ng		99
73) Carbazole	11.48	167	1235986	41.900	ng		99
74) Di-n-butylphthalate	11.80	149	1519274	42.529	ng		100
75) Fluoranthene	12.46	202	1436182	40.828	ng		99
77) Benzidine	12.58	184	484206	32.256	ng		98
78) Pyrene	12.69	202	1437025	48.484	ng		100
80) Butylbenzylphthalate	13.30	149	599511	48.060	ng		98
81) Benzo(a)anthracene	13.87	228	1103824	43.890	ng		99
82) 3,3'-Dichlorobenzidine	13.83	252	222254	22.758	ng		99
83) Chrysene	13.92	228	1058960	42.257	ng		99
84) Bis(2-ethylhexyl)phthalate	13.86	149	767325	48.690	ng		99
85) Di-n-octyl phthalate	14.46	149	1064213	42.383	ng		99
86) Indeno(1,2,3-cd)pyrene	16.72	276	989041	40.761	ng		99
88) Benzo(b)fluoranthene	14.90	252	869897	42.099	ng		99
89) Benzo(k)fluoranthene	14.93	252	821712	42.912	ng		98
90) Benzo(a)pyrene	15.25	252	756860	40.585	ng		99
91) Dibenzo(a,h)anthracene	16.72	278	826216	50.352	ng		98
92) Benzo(g,h,i)perylene	17.13	276	850936	52.485	ng		99

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030520\
Data File : BF119230.D
Acq On : 5 Mar 2020 23:59
Operator : CG/JU
Sample : L1775-13MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Mar 06 07:43:44 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 26 16:03:05 2020
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
CR-3MS

Manual Integrations APPROVED
mohammad
3/9/2020 8:27:30 AM