Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040620\
Data File : BF119771.D
Acq On : 6 Apr 2020 14:58
Operator : MA/SJ
Sample : PB128003BSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB128003BSD

Manual Integrations APPROVED
mohammad
4/8/2020 8:12:26 AM

Quant Time: Apr 06 15:29:19 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 06 11:15:16 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	142814	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	543749	20.00	ng		0.00
39) Acenaphthene-d10	9.83	164	281193	20.00	ng		0.00
64) Phenanthrene-d10	11.32	188	533378	20.00	ng		0.00
76) Chrysene-d12	13.96	240	401299	20.00	ng		0.00
87) Perylene-d12	15.40	264	444436	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	1060774	118.24	ng		0.01
7) Phenol-d6	6.42	99	1351085	117.89	ng		0.00
23) Nitrobenzene-d5	7.35	82	829179	82.88	ng		0.00
42) 2,4,6-Tribromophenol	10.62	330	409052	141.01	ng		0.00
45) 2-Fluorobiphenyl	9.15	172	1585438	83.53	ng		0.00
79) Terphenyl-d14	12.90	244	1789083	87.35	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.55	88	147186	33.219	ng		98
3) Pyridine	3.26	79	410797	33.653	ng		98
4) n-Nitrosodimethylamine	3.21	42	232249	39.016	ng		98
6) Aniline	6.44	93	443076	28.013	ng		98
8) 2-Chlorophenol	6.56	128	428522	45.479	ng		99
9) Benzaldehyde	6.33	77	216869	29.831	ng		99
10) Phenol	6.43	94	542456	44.361	ng		99
11) bis(2-Chloroethyl)ether	6.52	93	398880	40.785	ng		99
12) 1,3-Dichlorobenzene	6.72	146	430756	42.240	ng		98
13) 1,4-Dichlorobenzene	6.80	146	443035	43.433	ng		98
14) 1,2-Dichlorobenzene	6.95	146	416700	43.705	ng		100
15) Benzyl Alcohol	6.93	79	352693	40.913	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.06	45	732135	37.113	ng		100
17) 2-Methylphenol	7.04	107	338315	39.188	ng		98
18) Hexachloroethane	7.30	117	162314	43.421	ng		93
19) n-Nitroso-di-n-propylamine	7.20	70	285664	41.355	ng		99
20) 3+4-Methylphenols	7.19	107	424297	40.103	ng	#	76
22) Acetophenone	7.19	105	554337	42.665	ng	#	89
24) Nitrobenzene	7.36	77	441886	41.328	ng		99
25) Isophorone	7.60	82	782241	38.543	ng		97
26) 2-Nitrophenol	7.68	139	223632	53.120	ng		96
27) 2,4-Dimethylphenol	7.72	122	349139	40.107	ng		96
28) bis(2-Chloroethoxy)methane	7.82	93	485324	40.439	ng		99
29) 2,4-Dichlorophenol	7.93	162	338196	42.282	ng		97
30) 1,2,4-Trichlorobenzene	8.01	180	374832	42.375	ng		98
31) Naphthalene	8.09	128	1207593	43.156	ng		98
32) Benzoic acid	7.84	122	274543	49.029	ng		93
33) 4-Chloroaniline	8.14	127	246844	19.252	ng		97
34) Hexachlorobutadiene	8.21	225	214511	43.343	ng		99
35) Caprolactam	8.50	113	109084m	41.671	ng		
36) 4-Chloro-3-methylphenol	8.62	107	368589	42.162	ng		96
37) 2-Methylnaphthalene	8.79	142	793980	43.235	ng		98
38) 1-Methylnaphthalene	8.88	142	759047	43.668	ng		98
40) 1,2,4,5-Tetrachlorobenzene	8.95	216	349015	42.346	ng		99

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040620\
Data File : BF119771.D
Acq On : 6 Apr 2020 14:58
Operator : MA/SJ
Sample : PB128003BSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB128003BSD

Manual Integrations APPROVED
mohammad
4/8/2020 8:12:26 AM

Quant Time: Apr 06 15:29:19 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 06 11:15:16 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.94	237	435551	92.954	ng		99
43) 2,4,6-Trichlorophenol	9.06	196	251979	42.722	ng		100
44) 2,4,5-Trichlorophenol	9.10	196	272149	41.189	ng		93
46) 1,1'-Biphenyl	9.25	154	970381	42.371	ng		97
47) 2-Chloronaphthalene	9.27	162	758613	42.288	ng		97
48) 2-Nitroaniline	9.37	65	261537	42.238	ng		95
49) Acenaphthylene	9.69	152	1184626	42.051	ng		97
50) Dimethylphthalate	9.55	163	850432	42.579	ng		100
51) 2,6-Dinitrotoluene	9.61	165	194058	45.328	ng	#	89
52) Acenaphthene	9.86	154	781421	44.494	ng		99
53) 3-Nitroaniline	9.78	138	139014	25.720	ng		90
54) 2,4-Dinitrophenol	9.89	184	245707	127.852	ng		91
55) Dibenzofuran	10.03	168	1068972	42.454	ng		100
56) 4-Nitrophenol	9.95	139	363998	85.371	ng		94
57) 2,4-Dinitrotoluene	10.02	165	261806	48.545	ng		92
58) Fluorene	10.37	166	822489	44.172	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.15	232	226996	45.961	ng		98
60) Diethylphthalate	10.25	149	862836	42.564	ng		99
61) 4-Chlorophenyl-phenylether	10.37	204	394607	43.337	ng		99
62) 4-Nitroaniline	10.39	138	209180	40.360	ng		99
63) Azobenzene	10.53	77	831390	40.727	ng		97
65) 4,6-Dinitro-2-methylphenol	10.42	198	148773	66.518	ng		84
66) n-Nitrosodiphenylamine	10.49	169	778905	44.483	ng		100
67) 4-Bromophenyl-phenylether	10.86	248	252723	41.604	ng		98
68) Hexachlorobenzene	10.93	284	272666	43.857	ng	#	88
69) Atrazine	11.02	200	235406	49.039	ng		100
70) Pentachlorophenol	11.12	266	329626	90.422	ng		99
71) Phenanthrene	11.34	178	1222119	44.188	ng		99
72) Anthracene	11.39	178	1257259	44.728	ng		98
73) Carbazole	11.55	167	1221753	43.913	ng		98
74) Di-n-butylphthalate	11.88	149	1371279	46.074	ng		99
75) Fluoranthene	12.53	202	1314209	43.907	ng		98
77) Benzidine	12.65	184	488505	28.764	ng		98
78) Pyrene	12.76	202	1342565	40.765	ng		98
80) Butylbenzylphthalate	13.38	149	569872	42.782	ng		100
81) Benzo(a)anthracene	13.94	228	1100830	42.184	ng		99
82) 3,3'-Dichlorobenzidine	13.91	252	308630	29.995	ng		98
83) Chrysene	13.99	228	1170939	43.478	ng		98
84) Bis(2-ethylhexyl)phthalate	13.94	149	737361	46.436	ng		99
85) Di-n-octyl phthalate	14.55	149	1361353	48.747	ng		98
86) Indeno(1,2,3-cd)pyrene	16.83	276	1307821	51.561	ng		99
88) Benzo(b)fluoranthene	14.98	252	1219534	41.078	ng		98
89) Benzo(k)fluoranthene	15.02	252	1060043	37.498	ng		98
90) Benzo(a)pyrene	15.34	252	1107903	41.063	ng		98
91) Dibenzo(a,h)anthracene	16.84	278	1083156	45.899	ng		99
92) Benzo(g,h,i)perylene	17.26	276	1127934	47.576	ng		98

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040620\
Data File : BF119771.D
Acq On : 6 Apr 2020 14:58
Operator : MA/SJ
Sample : PB128003BSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Apr 06 15:29:19 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 06 11:15:16 2020
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB128003BSD

Manual Integrations APPROVED
mohammad
4/8/2020 8:12:26 AM