Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100820\
Data File : BF121894.D
Acq On : 8 Oct 2020 17:48
Operator : JU/CG
Sample : L4309-04MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OWLS-HEAD-BH-04-BMSD

Manual Integrations APPROVED
mohammad
10/12/2020 11:31:32 AM

Quant Time: Oct 08 19:06:18 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 01 14:29:14 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	102645	20.00	ng		-0.01
21) Naphthalene-d8	8.05	136	403207	20.00	ng		-0.01
39) Acenaphthene-d10	9.80	164	211353	20.00	ng		-0.01
64) Phenanthrene-d10	11.28	188	382079	20.00	ng		-0.01
76) Chrysene-d12	13.92	240	241799	20.00	ng		-0.01
86) Perylene-d12	15.36	264	261623	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.39	112	658193	95.30	ng		0.00
7) Phenol-d6	6.41	99	866361	95.61	ng		0.00
23) Nitrobenzene-d5	7.33	82	610287	81.27	ng		-0.01
42) 2,4,6-Tribromophenol	10.59	330	226297	86.15	ng		-0.01
45) 2-Fluorobiphenyl	9.12	172	1073406	76.92	ng		-0.01
79) Terphenyl-d14	12.87	244	1043977	87.47	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.50	88	110206	34.731	ng		100
3) Pyridine	3.23	79	314620	35.866	ng		99
4) n-Nitrosodimethylamine	3.19	42	153031	37.610	ng		100
6) Aniline	6.42	93	261111	22.125	ng	#	6
8) 2-Chlorophenol	6.55	128	286967	40.808	ng		93
9) Benzaldehyde	6.31	77	67914	11.465	ng		99
10) Phenol	6.42	94	362507	37.568	ng		96
11) bis(2-Chloroethyl)ether	6.50	93	286631	39.412	ng		97
12) 1,3-Dichlorobenzene	6.70	146	311003	39.623	ng		99
13) 1,4-Dichlorobenzene	6.77	146	311571	39.533	ng		99
14) 1,2-Dichlorobenzene	6.93	146	298783	41.153	ng		98
15) Benzyl Alcohol	6.91	79	250151	40.616	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.04	45	455349	38.909	ng		90
17) 2-Methylphenol	7.03	107	232487	38.855	ng		94
18) Hexachloroethane	7.27	117	114953	40.735	ng		97
19) n-Nitroso-di-n-propylamine	7.18	70	209893	40.191	ng		98
20) 3+4-Methylphenols	7.18	107	295949	41.167	ng	#	72
22) Acetophenone	7.17	105	396859	38.793	ng	#	90
24) Nitrobenzene	7.35	77	315143	38.801	ng		100
25) Isophorone	7.59	82	565547	37.411	ng		99
26) 2-Nitrophenol	7.66	139	150346	39.783	ng		97
27) 2,4-Dimethylphenol	7.70	122	255749	37.900	ng		98
28) bis(2-Chloroethoxy)methane	7.79	93	366138	39.123	ng		100
29) 2,4-Dichlorophenol	7.91	162	242839	39.511	ng		98
30) 1,2,4-Trichlorobenzene	7.99	180	250487	38.698	ng		99
31) Naphthalene	8.06	128	821540	38.598	ng		99
32) Benzoic acid	7.85	122	133750	29.663	ng		97
33) 4-Chloroaniline	8.12	127	127181	13.785	ng		98
34) Hexachlorobutadiene	8.18	225	153847	40.493	ng		99
35) Caprolactam	8.49	113	79503m	38.844	ng		
36) 4-Chloro-3-methylphenol	8.62	107	259831	39.244	ng		99
37) 2-Methylnaphthalene	8.76	142	539254	38.660	ng		99
38) 1-Methylnaphthalene	8.86	142	501637	38.642	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.92	216	257426	38.992	ng		100

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100820\
Data File : BF121894.D
Acq On : 8 Oct 2020 17:48
Operator : JU/CG
Sample : L4309-04MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OWLS-HEAD-BH-04-BMSD

Manual Integrations APPROVED
mohammad
10/12/2020 11:31:32 AM

Quant Time: Oct 08 19:06:18 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 01 14:29:14 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.91	237	111640	29.611	ng		98
43) 2,4,6-Trichlorophenol	9.04	196	166102	36.912	ng		99
44) 2,4,5-Trichlorophenol	9.09	196	176940	37.194	ng		97
46) 1,1'-Biphenyl	9.22	154	652178	38.544	ng		99
47) 2-Chloronaphthalene	9.25	162	505281	37.896	ng		99
48) 2-Nitroaniline	9.35	65	171461	41.382	ng		96
49) Acenaphthylene	9.66	152	787721	38.451	ng		99
50) Dimethylphthalate	9.52	163	738467	48.207	ng		99
51) 2,6-Dinitrotoluene	9.59	165	134066	41.095	ng		86
52) Acenaphthene	9.83	154	465129	35.946	ng		99
53) 3-Nitroaniline	9.76	138	75334	19.934	ng		98
54) 2,4-Dinitrophenol	9.88	184	89792	51.371	ng		99
55) Dibenzofuran	10.00	168	679633	37.297	ng		99
56) 4-Nitrophenol	9.94	139	159970	53.077	ng	#	83
57) 2,4-Dinitrotoluene	10.00	165	166438	40.553	ng	#	89
58) Fluorene	10.35	166	555506	39.864	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.13	232	141339	36.545	ng		97
60) Diethylphthalate	10.22	149	605959	40.572	ng		99
61) 4-Chlorophenyl-phenylether	10.34	204	270689	40.550	ng		99
62) 4-Nitroaniline	10.37	138	125402	33.419	ng		97
63) Azobenzene	10.50	77	625830	39.348	ng		99
65) 4,6-Dinitro-2-methylphenol	10.41	198	79285	35.841	ng		98
66) n-Nitrosodiphenylamine	10.46	169	521182	39.760	ng		99
67) 4-Bromophenyl-phenylether	10.83	248	178441	41.020	ng		98
68) Hexachlorobenzene	10.90	284	193671	39.450	ng		94
69) Atrazine	10.99	200	129513	39.769	ng		99
70) Pentachlorophenol	11.10	266	143176	53.105	ng		99
71) Phenanthrene	11.31	178	810353	38.927	ng		100
72) Anthracene	11.36	178	830709	38.669	ng		99
73) Carbazole	11.52	167	726545	37.478	ng		99
74) Di-n-butylphthalate	11.85	149	957500	42.794	ng		99
75) Fluoranthene	12.50	202	817947	36.808	ng		99
77) Benzidine	12.62	184	357274	44.569	ng		99
78) Pyrene	12.73	202	809967	45.847	ng		99
80) Butylbenzylphthalate	13.34	149	357525	50.039	ng		99
81) Benzo(a)anthracene	13.92	228	637986	41.706	ng		98
82) 3,3'-Dichlorobenzidine	13.87	252	198644	33.262	ng		99
83) Chrysene	13.95	228	608294	39.269	ng		100
84) Bis(2-ethylhexyl)phthalate	13.90	149	518544	54.326	ng		100
85) Di-n-octyl phthalate	14.51	149	801265	47.567	ng		100
87) Indeno(1,2,3-cd)pyrene	16.79	276	806589	47.341	ng		100
88) Benzo(b)fluoranthene	14.95	252	658623	37.658	ng		99
89) Benzo(k)fluoranthene	14.98	252	603309	37.669	ng		99
90) Benzo(a)pyrene	15.30	252	588777	39.603	ng		98
91) Dibenzo(a,h)anthracene	16.80	278	655578	46.224	ng		99
92) Benzo(g,h,i)perylene	17.22	276	690272	49.513	ng		98

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100820\
Data File : BF121894.D
Acq On : 8 Oct 2020 17:48
Operator : JU/CG
Sample : L4309-04MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Oct 08 19:06:18 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 01 14:29:14 2020
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
OWLS-HEAD-BH-04-BMSD

Manual Integrations APPROVED
mohammad
10/12/2020 11:31:32 AM