Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF093020\
Data File : BF121754.D
Acq On : 30 Sep 2020 23:08
Operator : JU/CG
Sample : L4190-13MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PAV-B18-092920-10-20MS

Manual Integrations APPROVED
mohammad
10/1/2020 1:32:35 PM

Quant Time: Oct 01 01:20:48 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 29 11:12:14 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	151546	20.00	ng		-0.01
21) Naphthalene-d8	8.06	136	598816	20.00	ng		0.00
39) Acenaphthene-d10	9.82	164	307873	20.00	ng		-0.01
64) Phenanthrene-d10	11.30	188	549603	20.00	ng		-0.01
76) Chrysene-d12	13.94	240	347358	20.00	ng		0.00
86) Perylene-d12	15.37	264	322672	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.41	112	946676	92.84	ng		0.00
7) Phenol-d6	6.42	99	1239962	92.68	ng		0.00
23) Nitrobenzene-d5	7.35	82	855837	76.74	ng		-0.01
42) 2,4,6-Tribromophenol	10.61	330	383765	100.29	ng		0.00
45) 2-Fluorobiphenyl	9.14	172	1518640	74.71	ng		-0.01
79) Terphenyl-d14	12.89	244	1404117	81.89	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.58	88	176091	37.587	ng		98
3) Pyridine	3.30	79	508105	39.232	ng		98
4) n-Nitrosodimethylamine	3.26	42	244494	40.699	ng		98
6) Aniline	6.44	93	398639	22.879	ng	#	36
8) 2-Chlorophenol	6.56	128	456703	43.988	ng		98
9) Benzaldehyde	6.33	77	137805	15.757	ng		99
10) Phenol	6.43	94	585546	41.102	ng		88
11) bis(2-Chloroethyl)ether	6.52	93	455111	42.386	ng		99
12) 1,3-Dichlorobenzene	6.72	146	479862	41.409	ng		99
13) 1,4-Dichlorobenzene	6.79	146	484493	41.638	ng		99
14) 1,2-Dichlorobenzene	6.95	146	468142	43.673	ng		99
15) Benzyl Alcohol	6.93	79	404592	44.494	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.06	45	716952	41.494	ng		99
17) 2-Methylphenol	7.04	107	377525	42.735	ng		98
18) Hexachloroethane	7.29	117	178398	42.819	ng		97
19) n-Nitroso-di-n-propylamine	7.20	70	324007	42.022	ng		99
20) 3+4-Methylphenols	7.19	107	445209	41.946	ng		98
22) Acetophenone	7.19	105	601720	39.605	ng		99
24) Nitrobenzene	7.36	77	497778	41.267	ng		98
25) Isophorone	7.60	82	921897	41.063	ng		99
26) 2-Nitrophenol	7.68	139	240865	42.714	ng		95
27) 2,4-Dimethylphenol	7.72	122	407361	40.648	ng		98
28) bis(2-Chloroethoxy)methane	7.82	93	575603	41.414	ng		100
29) 2,4-Dichlorophenol	7.92	162	377311	41.337	ng		97
30) 1,2,4-Trichlorobenzene	8.00	180	397621	41.362	ng		98
31) Naphthalene	8.09	128	1301031	41.158	ng		99
32) Benzoic acid	7.87	122	249633	35.498	ng		99
33) 4-Chloroaniline	8.13	127	231034	16.861	ng		99
34) Hexachlorobutadiene	8.20	225	240172	42.564	ng		99
35) Caprolactam	8.52	113	122233m	40.213	ng		
36) 4-Chloro-3-methylphenol	8.63	107	418358	42.547	ng		97
37) 2-Methylnaphthalene	8.77	142	864775	41.745	ng		98
38) 1-Methylnaphthalene	8.87	142	797653	41.373	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.95	216	401720	41.772	ng		99

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF093020\
Data File : BF121754.D
Acq On : 30 Sep 2020 23:08
Operator : JU/CG
Sample : L4190-13MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PAV-B18-092920-10-20MS

Manual Integrations APPROVED
mohammad
10/1/2020 1:32:35 PM

Quant Time: Oct 01 01:20:48 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 29 11:12:14 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.93	237	294987	53.712	ng	98
43) 2,4,6-Trichlorophenol	9.06	196	272124	41.514	ng	100
44) 2,4,5-Trichlorophenol	9.10	196	290360	41.901	ng	96
46) 1,1'-Biphenyl	9.24	154	1017885	41.298	ng	99
47) 2-Chloronaphthalene	9.26	162	793199	40.839	ng	100
48) 2-Nitroaniline	9.36	65	272119	45.086	ng	96
49) Acenaphthylene	9.68	152	1226039	41.084	ng	100
50) Dimethylphthalate	9.55	163	1101440	49.361	ng	99
51) 2,6-Dinitrotoluene	9.61	165	214419	45.120	ng	93
52) Acenaphthene	9.85	154	730373	38.749	ng	100
53) 3-Nitroaniline	9.77	138	127207	23.107	ng	98
54) 2,4-Dinitrophenol	9.89	184	141519	54.840	ng	97
55) Dibenzofuran	10.02	168	1090519	41.083	ng	98
56) 4-Nitrophenol	9.95	139	305283	69.536	ng	94
57) 2,4-Dinitrotoluene	10.01	165	275793	46.131	ng	90
58) Fluorene	10.37	166	842490	41.504	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.15	232	233830	41.506	ng	99
60) Diethylphthalate	10.25	149	941656	43.283	ng	100
61) 4-Chlorophenyl-phenylether	10.36	204	403125	41.457	ng	98
62) 4-Nitroaniline	10.39	138	192173	35.158	ng	94
63) Azobenzene	10.52	77	954919	41.217	ng	98
65) 4,6-Dinitro-2-methylphenol	10.42	198	114783	36.028	ng	91
66) n-Nitrosodiphenylamine	10.48	169	803373	42.607	ng	100
67) 4-Bromophenyl-phenylether	10.85	248	273524	43.712	ng	98
68) Hexachlorobenzene	10.92	284	305208	43.220	ng	96
69) Atrazine	11.00	200	188281	40.192	ng	98
70) Pentachlorophenol	11.11	266	294851	76.027	ng	98
71) Phenanthrene	11.33	178	1297821	43.341	ng	99
72) Anthracene	11.38	178	1277335	41.336	ng	99
73) Carbazole	11.53	167	1105833	39.656	ng	100
74) Di-n-butylphthalate	11.86	149	1403342	43.603	ng	100
75) Fluoranthene	12.52	202	1313285	41.084	ng	99
77) Benzidine	12.63	184	418074	36.305	ng	99
78) Pyrene	12.75	202	1279887	50.431	ng	100
80) Butylbenzylphthalate	13.36	149	531256	51.759	ng	92
81) Benzo(a)anthracene	13.93	228	959309	43.653	ng	100
82) 3,3'-Dichlorobenzidine	13.89	252	267546	31.185	ng	99
83) Chrysene	13.97	228	952770	42.815	ng	99
84) Bis(2-ethylhexyl)phthalate	13.92	149	687531	50.141	ng	98
85) Di-n-octyl phthalate	14.53	149	1128957	46.653	ng	99
87) Indeno(1,2,3-cd)pyrene	16.80	276	1052243	50.075	ng	99
88) Benzo(b)fluoranthene	14.96	252	998465	46.287	ng	97
89) Benzo(k)fluoranthene	14.99	252	781567	39.566	ng	99
90) Benzo(a)pyrene	15.32	252	817590	44.589	ng	98
91) Dibenzo(a,h)anthracene	16.82	278	843250	48.207	ng	99
92) Benzo(g,h,i)perylene	17.23	276	894117	52.000	ng	99

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF093020\
Data File : BF121754.D
Acq On : 30 Sep 2020 23:08
Operator : JU/CG
Sample : L4190-13MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Oct 01 01:20:48 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 29 11:12:14 2020
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PAV-B18-092920-10-20MS

Manual Integrations APPROVED
mohammad
10/1/2020 1:32:35 PM