Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091720\
Data File : BF121598.D
Acq On : 17 Sep 2020 14:59
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
9/21/2020 10:32:14 AM

Quant Time: Sep 17 15:52:05 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 10 16:47:54 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	202546	20.00	ng		-0.01
21) Naphthalene-d8	8.11	136	768644	20.00	ng		0.00
39) Acenaphthene-d10	9.86	164	403410	20.00	ng		0.00
64) Phenanthrene-d10	11.35	188	763694	20.00	ng		0.00
76) Chrysene-d12	13.99	240	615375	20.00	ng		0.00
86) Perylene-d12	15.43	264	594577	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	1113775	81.72	ng		0.00
7) Phenol-d6	6.47	99	1487929	83.21	ng		0.00
23) Nitrobenzene-d5	7.39	82	1292280	90.27	ng		0.00
42) 2,4,6-Tribromophenol	10.65	330	490606	97.85	ng		0.00
45) 2-Fluorobiphenyl	9.19	172	2149101	80.68	ng		0.00
79) Terphenyl-d14	12.93	244	2626804	86.48	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.58	88	259311	41.414	ng		100
3) Pyridine	3.32	79	728785	42.103	ng		97
4) n-Nitrosodimethylamine	3.29	42	349208	43.493	ng		99
6) Aniline	6.49	93	945029	40.581	ng		97
8) 2-Chlorophenol	6.62	128	599162	43.179	ng		98
9) Benzaldehyde	6.37	77	435563	37.262	ng		100
10) Phenol	6.48	94	764323	40.142	ng		77
11) bis(2-Chloroethyl)ether	6.57	93	631511	44.005	ng		97
12) 1,3-Dichlorobenzene	6.77	146	660116	42.620	ng		99
13) 1,4-Dichlorobenzene	6.85	146	663230	42.647	ng		99
14) 1,2-Dichlorobenzene	7.00	146	597330	41.694	ng		98
15) Benzyl Alcohol	6.97	79	533198	43.873	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.10	45	985110	42.658	ng		96
17) 2-Methylphenol	7.09	107	519829	44.027	ng		96
18) Hexachloroethane	7.34	117	249545	44.814	ng		96
19) n-Nitroso-di-n-propylamine	7.25	70	446900	43.367	ng		98
20) 3+4-Methylphenols	7.24	107	571935	40.317	ng	#	88
22) Acetophenone	7.24	105	805348	41.296	ng	#	92
24) Nitrobenzene	7.41	77	691353	44.651	ng		99
25) Isophorone	7.65	82	1282062	44.488	ng		100
26) 2-Nitrophenol	7.73	139	333238	45.839	ng		97
27) 2,4-Dimethylphenol	7.77	122	537610	41.793	ng		98
28) bis(2-Chloroethoxy)methane	7.86	93	774514	43.413	ng		99
29) 2,4-Dichlorophenol	7.97	162	512454	43.738	ng		99
30) 1,2,4-Trichlorobenzene	8.05	180	536358	43.467	ng		100
31) Naphthalene	8.13	128	1710732	42.162	ng		100
32) Benzoic acid	7.92	122	402292	42.795	ng		97
33) 4-Chloroaniline	8.18	127	754151	42.878	ng		99
34) Hexachlorobutadiene	8.25	225	327183	45.173	ng		99
35) Caprolactam	8.57	113	182902	46.877	ng		98
36) 4-Chloro-3-methylphenol	8.67	107	564806	44.750	ng		99
37) 2-Methylnaphthalene	8.82	142	1127903	42.417	ng		99
38) 1-Methylnaphthalene	8.92	142	1052061	42.512	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.99	216	542238	43.031	ng		100

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091720\
Data File : BF121598.D
Acq On : 17 Sep 2020 14:59
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
9/21/2020 10:32:14 AM

Quant Time: Sep 17 15:52:05 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 10 16:47:54 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	333171	46.298	ng		99
43) 2,4,6-Trichlorophenol	9.10	196	385432	44.874	ng		98
44) 2,4,5-Trichlorophenol	9.15	196	407520	44.880	ng		96
46) 1,1'-Biphenyl	9.29	154	1347476	41.723	ng		99
47) 2-Chloronaphthalene	9.31	162	1064170	41.815	ng		99
48) 2-Nitroaniline	9.41	65	383931	48.546	ng		93
49) Acenaphthylene	9.73	152	1659805	42.447	ng		99
50) Dimethylphthalate	9.59	163	1318264	45.087	ng		99
51) 2,6-Dinitrotoluene	9.65	165	300691	48.290	ng		90
52) Acenaphthene	9.90	154	1082257m	43.820	ng		
53) 3-Nitroaniline	9.82	138	336211	46.609	ng		97
54) 2,4-Dinitrophenol	9.92	184	168668	50.700	ng	#	89
55) Dibenzofuran	10.07	168	1482080	42.612	ng		98
56) 4-Nitrophenol	9.99	139	270249	46.978	ng		96
57) 2,4-Dinitrotoluene	10.05	165	399189	50.958	ng		94
58) Fluorene	10.41	166	1116665	41.983	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.19	232	340954	46.188	ng		98
60) Diethylphthalate	10.29	149	1279547	44.885	ng		99
61) 4-Chlorophenyl-phenylether	10.40	204	554363	43.509	ng		98
62) 4-Nitroaniline	10.44	138	335945	46.905	ng		99
63) Azobenzene	10.56	77	1326192	43.686	ng		98
65) 4,6-Dinitro-2-methylphenol	10.46	198	233067	49.486	ng		99
66) n-Nitrosodiphenylamine	10.52	169	1114903	42.553	ng		99
67) 4-Bromophenyl-phenylether	10.89	248	395734	45.513	ng		96
68) Hexachlorobenzene	10.96	284	437474	44.583	ng		98
69) Atrazine	11.05	200	270553	41.564	ng		96
70) Pentachlorophenol	11.15	266	252120	46.785	ng		98
71) Phenanthrene	11.37	178	1733620	41.664	ng		99
72) Anthracene	11.42	178	1797380	41.859	ng		100
73) Carbazole	11.58	167	1620703	41.826	ng		99
74) Di-n-butylphthalate	11.90	149	1985153	44.389	ng		99
75) Fluoranthene	12.56	202	1913786	43.086	ng		99
77) Benzidine	12.67	184	826101	40.493	ng		100
78) Pyrene	12.79	202	1939840	43.145	ng		100
80) Butylbenzylphthalate	13.40	149	874790	48.108	ng		98
81) Benzo(a)anthracene	13.97	228	1675827	43.045	ng		99
82) 3,3'-Dichlorobenzidine	13.94	252	713926	46.972	ng		99
83) Chrysene	14.02	228	1684916	42.739	ng		99
84) Bis(2-ethylhexyl)phthalate	13.96	149	1136077	46.767	ng		99
85) Di-n-octyl phthalate	14.57	149	2057641	47.997	ng		100
87) Indeno(1,2,3-cd)pyrene	16.88	276	1661082	42.899	ng		99
88) Benzo(b)fluoranthene	15.02	252	1709164	43.000	ng		99
89) Benzo(k)fluoranthene	15.04	252	1610485	44.245	ng		98
90) Benzo(a)pyrene	15.38	252	1497173	44.312	ng		99
91) Dibenzo(a,h)anthracene	16.90	278	1371106	42.538	ng		98
92) Benzo(g,h,i)perylene	17.32	276	1336016	42.167	ng		98

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091720\
Data File : BF121598.D
Acq On : 17 Sep 2020 14:59
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 17 15:52:05 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 10 16:47:54 2020
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
9/21/2020 10:32:14 AM