Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032420\
Data File : BF119483.D
Acq On : 24 Mar 2020 9:11
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
3/25/2020 12:29:21 PM

Quant Time: Mar 24 11:24:09 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 18 15:11:18 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	291850	20.00	ng		-0.01
21) Naphthalene-d8	8.13	136	1075995	20.00	ng		-0.01
39) Acenaphthene-d10	9.89	164	561850	20.00	ng		-0.01
64) Phenanthrene-d10	11.38	188	1106603	20.00	ng		-0.01
76) Chrysene-d12	14.03	240	874616	20.00	ng		0.00
87) Perylene-d12	15.49	264	918853	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	1450338	79.11	ng		0.00
7) Phenol-d6	6.47	99	1872730	79.96	ng		0.00
23) Nitrobenzene-d5	7.41	82	1671004	84.40	ng		-0.01
42) 2,4,6-Tribromophenol	10.68	330	545523	94.11	ng		-0.01
45) 2-Fluorobiphenyl	9.22	172	3064093	80.79	ng		0.00
79) Terphenyl-d14	12.97	244	3570739	79.99	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.57	88	335747	37.080	ng		99
3) Pyridine	3.32	79	918201	36.809	ng		98
4) n-Nitrosodimethylamine	3.27	42	440306	36.195	ng		97
6) Aniline	6.51	93	1279090	39.573	ng		98
8) 2-Chlorophenol	6.63	128	804703	41.791	ng		97
9) Benzaldehyde	6.39	77	583505	39.276	ng		98
10) Phenol	6.49	94	996925m	39.894	ng		
11) bis(2-Chloroethyl)ether	6.58	93	802493	40.152	ng		95
12) 1,3-Dichlorobenzene	6.79	146	868591	41.679	ng		99
13) 1,4-Dichlorobenzene	6.86	146	868183	41.649	ng		100
14) 1,2-Dichlorobenzene	7.02	146	818876	42.028	ng		98
15) Benzyl Alcohol	6.99	79	718723	40.798	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.12	45	1600209	39.694	ng		98
17) 2-Methylphenol	7.09	107	716489	40.612	ng		98
18) Hexachloroethane	7.36	117	323873	42.397	ng		99
19) n-Nitroso-di-n-propylamine	7.26	70	582897	41.293	ng		99
20) 3+4-Methylphenols	7.25	107	880102m	40.705	ng		
22) Acetophenone	7.26	105	1041788	40.520	ng	#	95
24) Nitrobenzene	7.43	77	867051	40.979	ng		99
25) Isophorone	7.67	82	1630831	40.607	ng		98
26) 2-Nitrophenol	7.75	139	388302	46.610	ng		97
27) 2,4-Dimethylphenol	7.78	122	672893	39.063	ng		98
28) bis(2-Chloroethoxy)methane	7.88	93	978062	41.184	ng		99
29) 2,4-Dichlorophenol	7.99	162	669551	42.302	ng		98
30) 1,2,4-Trichlorobenzene	8.07	180	737263	42.119	ng		99
31) Naphthalene	8.16	128	2282804	41.227	ng		99
32) Benzoic acid	7.90	122	527858	47.637	ng		99
33) 4-Chloroaniline	8.20	127	1031664	40.661	ng		99
34) Hexachlorobutadiene	8.27	225	443957	45.331	ng		99
35) Caprolactam	8.57	113	210517	40.640	ng		97
36) 4-Chloro-3-methylphenol	8.68	107	724584	41.885	ng		100
37) 2-Methylnaphthalene	8.85	142	1549372	42.635	ng		99
38) 1-Methylnaphthalene	8.95	142	1441393	41.905	ng		98
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	700284	42.523	ng		99

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032420\
Data File : BF119483.D
Acq On : 24 Mar 2020 9:11
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED
mohammad
3/25/2020 12:29:21 PM

Quant Time: Mar 24 11:24:09 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 18 15:11:18 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	405794	43.343 ng	99
43) 2,4,6-Trichlorophenol	9.12	196	502098	42.605 ng	97
44) 2,4,5-Trichlorophenol	9.16	196	564428	42.753 ng	95
46) 1,1'-Biphenyl	9.32	154	1899723	41.515 ng	99
47) 2-Chloronaphthalene	9.34	162	1476945	41.205 ng	99
48) 2-Nitroaniline	9.43	65	528284	42.700 ng	97
49) Acenaphthylene	9.76	152	2301354	40.885 ng	99
50) Dimethylphthalate	9.62	163	1714051	42.950 ng	99
51) 2,6-Dinitrotoluene	9.67	165	373617	43.677 ng	90
52) Acenaphthene	9.93	154	1474380	42.016 ng	99
53) 3-Nitroaniline	9.85	138	459202	42.521 ng	91
54) 2,4-Dinitrophenol	9.95	184	162630	47.216 ng	89
55) Dibenzofuran	10.10	168	2076119	41.265 ng	97
56) 4-Nitrophenol	9.99	139	355951	41.781 ng	94
57) 2,4-Dinitrotoluene	10.07	165	489414	45.417 ng	88
58) Fluorene	10.44	166	1577503	42.401 ng	99
59) 2,3,4,6-Tetrachlorophenol	10.22	232	439564	44.543 ng	99
60) Diethylphthalate	10.32	149	1814045	44.786 ng	99
61) 4-Chlorophenyl-phenylether	10.43	204	805564	44.277 ng	99
62) 4-Nitroaniline	10.46	138	448307	43.290 ng	98
63) Azobenzene	10.60	77	1717499	42.107 ng	94
65) 4,6-Dinitro-2-methylphenol	10.49	198	227849	49.102 ng	92
66) n-Nitrosodiphenylamine	10.55	169	1479032	40.713 ng	99
67) 4-Bromophenyl-phenylether	10.93	248	546775	43.385 ng	93
68) Hexachlorobenzene	10.99	284	553051	42.876 ng	92
69) Atrazine	11.08	200	436013	43.779 ng	99
70) Pentachlorophenol	11.18	266	341899	45.206 ng	99
71) Phenanthrene	11.40	178	2363681	41.193 ng	100
72) Anthracene	11.46	178	2389738	40.978 ng	100
73) Carbazole	11.61	167	2348729	40.689 ng	99
74) Di-n-butylphthalate	11.94	149	2930461	47.458 ng	98
75) Fluoranthene	12.59	202	2643116	42.563 ng	99
77) Benzidine	12.72	184	1333560	36.029 ng	100
78) Pyrene	12.83	202	2718054	37.867 ng	100
80) Butylbenzylphthalate	13.44	149	1352683	46.594 ng	98
81) Benzo(a)anthracene	14.02	228	2255012	39.649 ng	99
82) 3,3'-Dichlorobenzidine	13.98	252	979864	43.695 ng	97
83) Chrysene	14.06	228	2337850	39.829 ng	99
84) Bis(2-ethylhexyl)phthalate	14.01	149	1824136	52.709 ng	99
85) Di-n-octyl phthalate	14.62	149	3323231	54.600 ng	98
86) Indeno(1,2,3-cd)pyrene	16.97	276	2413109	43.651 ng	98
88) Benzo(b)fluoranthene	15.07	252	2533641	41.278 ng	99
89) Benzo(k)fluoranthene	15.10	252	2301341	39.376 ng	99
90) Benzo(a)pyrene	15.43	252	2275036	40.785 ng	99
91) Dibenzo(a,h)anthracene	16.99	278	2003906	41.073 ng	98
92) Benzo(g,h,i)perylene	17.41	276	1899090	38.745 ng	97

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032420\
Data File : BF119483.D
Acq On : 24 Mar 2020 9:11
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 24 11:24:09 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 18 15:11:18 2020
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
3/25/2020 12:29:21 PM