Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN012320\
Data File : BN009425.D
Acq On : 23 Jan 2020 14:48
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTD02060

Manual Integrations APPROVED
mohammad
1/24/2020 1:54:19 PM

Quant Time: Jan 23 16:10:01 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN012220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 22 15:13:20 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.46	152	150317	20.00	ng/ul	0.00
18) Naphthalene-d8	10.21	136	675140	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.09	164	431679	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.85	188	907139	20.00	ng/ul	0.00
77) Chrysene-d12	21.06	240	781879	20.00	ng/ul	0.00
85) Perylene-d12	23.17	264	834599	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.09	96	27851	7.66	ng/uL	0.00
5) Phenol-d5	6.66	99	267393	20.06	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.82	67	187277	19.79	ng/ul	0.00
9) 2-Chlorophenol-d4	7.00	132	206453	21.21	ng/ul	0.00
13) 4-Methylphenol-d8	8.17	113	216431	20.40	ng/ul	0.00
19) Nitrobenzene-d5	8.60	128	104032	21.18	ng/ul	0.00
22) 2-Nitrophenol-d4	9.31	143	113542	22.05	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.85	165	214567	21.02	ng/ul	0.00
29) 4-Chloroaniline-d4	10.36	131	257007	20.84	ng/ul	0.00
43) Dimethylphthalate-d6	13.52	166	661480	20.70	ng/ul	0.00
46) Acenaphthylene-d8	13.78	160	765455	20.18	ng/ul	0.00
51) 4-Nitrophenol-d4	14.32	143	121871	20.50	ng/ul	0.00
57) Fluorene-d10	15.10	176	560019	19.97	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.23	200	109748	19.98	ng/ul	0.00
70) Anthracene-d10	16.95	188	863268	20.57	ng/ul	0.00
78) Pyrene-d10	19.25	212	934890	22.22	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.04	264	892924	21.19	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.12	88	30449	7.527	ng/uL	94
4) Benzaldehyde	6.62	77	113544	16.229	ng/ul	94
6) Phenol	6.68	94	275000	19.692	ng/ul	97
8) Bis(2-Chloroethyl)ether	6.90	93	228216	20.377	ng/ul	95
10) 2-Chlorophenol	7.03	128	208525	20.595	ng/ul	94
11) 2-Methylphenol	7.90	108	209988	20.362	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	7.99	45	538272	18.292	ng/ul	98
14) Acetophenone	8.28	105	356884	20.821	ng/ul	95
15) N-Nitroso-di-n-propylamine	8.26	70	195259	20.976	ng/ul	94
16) 4-Methylphenol	8.23	108	229908	20.357	ng/ul	97
17) Hexachloroethane	8.52	117	94042	20.050	ng/ul	99
20) Nitrobenzene	8.64	77	289552	20.048	ng/ul	99
21) Isophorone	9.17	82	536869	20.958	ng/ul	99
23) 2-Nitrophenol	9.35	139	122691	21.629	ng/ul	97
24) 2,4-Dimethylphenol	9.42	107	262376	20.157	ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.65	93	324389	20.681	ng/ul	99
27) 2,4-Dichlorophenol	9.87	162	211770	21.176	ng/ul	99
28) Naphthalene	10.26	128	717054	19.736	ng/ul	98
30) 4-Chloroaniline	10.38	127	251930	20.272	ng/ul	96
31) Hexachlorobutadiene	10.55	225	136076	19.826	ng/ul	94
32) Caprolactam	11.15	113	74184m	21.653	ng/ul	
33) 4-Chloro-3-methylphenol	11.52	107	251710	20.743	ng/ul	96
34) 2-Methylnaphthalene	11.88	142	502021	20.071	ng/ul	99

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN012320\
Data File : BN009425.D
Acq On : 23 Jan 2020 14:48
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD02060

Manual Integrations APPROVED
mohammad
1/24/2020 1:54:19 PM

Quant Time: Jan 23 16:10:01 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN012220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 22 15:13:20 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.26	216	255218	20.454 ng/ul	98
37) Hexachlorocyclopentadiene	12.25	237	126387	16.627 ng/ul	97
38) 2,4,6-Trichlorophenol	12.51	196	169085	21.923 ng/ul	97
39) 2,4,5-Trichlorophenol	12.59	196	180927	21.322 ng/ul	99
40) 1,1'-Biphenyl	12.92	154	646122	19.767 ng/ul	99
41) 2-Chloronaphthalene	12.96	162	517201	20.039 ng/ul	96
42) 2-Nitroaniline	13.17	65	197368	20.942 ng/ul	99
44) Dimethylphthalate	13.57	163	672162	20.436 ng/ul	99
45) 2,6-Dinitrotoluene	13.68	165	135557	21.661 ng/ul	92
47) Acenaphthylene	13.81	152	821827	20.082 ng/ul	97
48) 3-Nitroaniline	14.01	138	111769	19.131 ng/ul	98
49) Acenaphthene	14.16	153	554169	19.849 ng/ul	98
50) 2,4-Dinitrophenol	14.23	184	70318	19.355 ng/ul	93
52) 4-Nitrophenol	14.33	109	109440	19.886 ng/ul	94
53) Dibenzofuran	14.50	168	768154	19.803 ng/ul	99
54) 2,4-Dinitrotoluene	14.48	165	204136	21.869 ng/ul#	97
55) 2,3,4,6-Tetrachlorophenol	14.73	232	160116	22.083 ng/ul	97
56) Diethylphthalate	14.95	149	706421	21.001 ng/ul	99
58) Fluorene	15.15	166	656273	20.191 ng/ul	96
59) 4-Chlorophenyl-phenylether	15.16	204	318377	19.871 ng/ul	98
60) 4-Nitroaniline	15.18	138	128309	19.449 ng/ul	94
63) 4,6-Dinitro-2-methylphenol	15.25	198	116837	19.982 ng/ul#	94
64) N-Nitrosodiphenylamine	15.37	169	563315	20.972 ng/ul	97
65) 4-Bromophenyl-phenylether	16.05	248	188082	20.572 ng/ul	96
66) Hexachlorobenzene	16.16	284	213340	21.035 ng/ul	96
67) Atrazine	16.34	200	192711	19.610 ng/ul	98
68) Pentachlorophenol	16.51	266	126301	21.423 ng/ul	90
69) Phenanthrene	16.89	178	1045000	20.416 ng/ul	97
71) Anthracene	16.98	178	1072040	20.571 ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	12.88	216	257104	20.695 ng/uL	96
73) Pentachlorobenzene	14.42	250	246909	20.444 ng/uL	96
74) Carbazole	17.26	167	927956	20.799 ng/ul	100
75) Di-n-butylphthalate	17.84	149	1181010	21.667 ng/ul	99
76) Fluoranthene	18.92	202	1173534	20.000 ng/ul	99
79) Pyrene	19.28	202	1257013	22.203 ng/ul	99
80) Butylbenzylphthalate	20.21	149	539781	24.705 ng/ul	96
81) 3,3'-Dichlorobenzidine	20.98	252	324871	19.713 ng/ul	99
82) Benzo(a)anthracene	21.04	228	1126456	21.156 ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.00	149	794725	23.980 ng/ul#	100
84) Chrysene	21.09	228	1086511	20.948 ng/ul	98
86) Di-n-octyl phthalate	21.86	149	1336356	22.385 ng/ul	100
87) Benzo(b)fluoranthene	22.54	252	1105110	20.942 ng/ul	98
88) Benzo(k)fluoranthene	22.59	252	1085452	20.919 ng/ul	98
90) Benzo(a)pyrene	23.08	252	997780	21.065 ng/ul	97
91) Indeno(1,2,3-cd)pyrene	25.24	276	1191632	20.759 ng/ul	96
92) Dibenzo(a,h)anthracene	25.25	278	1006610	20.784 ng/ul	96
93) Benzo(g,h,i)perylene	25.87	276	990434	20.743 ng/ul	100

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN012320\
Data File : BN009425.D
Acq On : 23 Jan 2020 14:48
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jan 23 16:10:01 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN012220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 22 15:13:20 2020
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SSTD02060

Manual Integrations APPROVED
mohammad
1/24/2020 1:54:19 PM