Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091619\
Data File : BN007666.D
Acq On : 16 Sep 2019 14:50
Operator : HP/JU
Sample : SSTD08005
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD08005

Manual Integrations APPROVED
mohammad
9/17/2019 4:10:13 PM

Quant Time: Sep 16 16:20:54 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091619MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 16 14:07:58 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	507569	20.00	ng/ul	0.00
18) Naphthalene-d8	10.48	136	2147660	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.33	164	1448938	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.07	188	3249310	20.00	ng/ul	0.00
77) Chrysene-d12	21.27	240	3402111	20.00	ng/ul	0.00
85) Perylene-d12	23.49	264	3742330	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.26	96	435308	37.15	ng/uL	0.00
5) Phenol-d5	6.88	99	3982561	98.20	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.05	67	2221275	95.78	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	2830151	86.84	ng/ul	0.00
13) 4-Methylphenol-d8	8.41	113	3051318	97.10	ng/ul	0.01
19) Nitrobenzene-d5	8.85	128	1370449	89.41	ng/ul	0.00
22) 2-Nitrophenol-d4	9.57	143	1443889	84.87	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.10	165	2964528	96.42	ng/ul	0.00
29) 4-Chloroaniline-d4	10.61	131	3626313	98.77	ng/ul	0.00
43) Dimethylphthalate-d6	13.75	166	8961975	87.19	ng/ul	0.01
46) Acenaphthylene-d8	14.02	160	10214198	76.78	ng/ul	0.00
51) 4-Nitrophenol-d4	14.54	143	1749614	96.38	ng/ul	0.02
57) Fluorene-d10	15.33	176	7667973	88.29	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.45	200	1588294	87.35	ng/ul	0.01
70) Anthracene-d10	17.17	188	12209720	88.06	ng/ul	0.00
78) Pyrene-d10	19.47	212	14088840	85.70	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.36	264	15756748	94.55	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.30	88	453778	37.474	ng/uL#	91
4) Benzaldehyde	6.85	77	2334129m	84.801	ng/ul	
6) Phenol	6.91	94	4318349	104.184	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.14	93	3085897	95.933	ng/ul	97
10) 2-Chlorophenol	7.28	128	3023846	90.887	ng/ul	98
11) 2-Methylphenol	8.15	108	3091271	99.400	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.23	45	3205789	74.576	ng/ul	98
14) Acetophenone	8.52	105	4850269	102.032	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.52	70	2702073	107.262	ng/ul	98
16) 4-Methylphenol	8.48	108	3380101	101.163	ng/ul	97
17) Hexachloroethane	8.78	117	1241925	88.765	ng/ul	96
20) Nitrobenzene	8.89	77	3841927	105.964	ng/ul	97
21) Isophorone	9.42	82	7496688	107.295	ng/ul	99
23) 2-Nitrophenol	9.60	139	1602363	89.212	ng/ul	99
24) 2,4-Dimethylphenol	9.66	107	3716854	101.917	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.90	93	4310370	100.219	ng/ul	99
27) 2,4-Dichlorophenol	10.13	162	3005302	100.321	ng/ul	98
28) Naphthalene	10.53	128	9292664	91.749	ng/ul	99
30) 4-Chloroaniline	10.63	127	3837024	104.234	ng/ul	99
31) Hexachlorobutadiene	10.82	225	2049870	107.036	ng/ul	98
32) Caprolactam	11.40	113	1050546m	104.617	ng/ul	
33) 4-Chloro-3-methylphenol	11.77	107	3563581	109.298	ng/ul	100
34) 2-Methylnaphthalene	12.14	142	6813757	96.509	ng/ul	100

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091619\
Data File : BN007666.D
Acq On : 16 Sep 2019 14:50
Operator : HP/JU
Sample : SSTD08005
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD08005

Manual Integrations APPROVED
mohammad
9/17/2019 4:10:13 PM

Quant Time: Sep 16 16:20:54 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091619MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 16 14:07:58 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.52	216	4035072	93.031 ng/ul	98
37) Hexachlorocyclopentadiene	12.50	237	2638441	106.518 ng/ul	99
38) 2,4,6-Trichlorophenol	12.76	196	2543282	91.640 ng/ul	99
39) 2,4,5-Trichlorophenol	12.83	196	2807016	94.835 ng/ul	99
40) 1,1'-Biphenyl	13.16	154	8838441	81.207 ng/ul	97
41) 2-Chloronaphthalene	13.20	162	7001170	83.200 ng/ul	99
42) 2-Nitroaniline	13.40	65	2347658	96.018 ng/ul	94
44) Dimethylphthalate	13.80	163	9100932	89.266 ng/ul	99
45) 2,6-Dinitrotoluene	13.91	165	1998398	96.534 ng/ul	93
47) Acenaphthylene	14.05	152	10730970	82.137 ng/ul	98
48) 3-Nitroaniline	14.23	138	1872488	92.533 ng/ul	99
49) Acenaphthene	14.40	153	7494430	85.250 ng/ul	99
50) 2,4-Dinitrophenol	14.44	184	1091220	99.480 ng/ul	98
52) 4-Nitrophenol	14.55	109	1433092	104.129 ng/ul	94
53) Dibenzofuran	14.73	168	10642799	85.792 ng/ul	95
54) 2,4-Dinitrotoluene	14.70	165	2941258	101.207 ng/ul	96
55) 2,3,4,6-Tetrachlorophenol	14.96	232	2514099	103.082 ng/ul	99
56) Diethylphthalate	15.17	149	9240918	90.505 ng/ul	97
58) Fluorene	15.39	166	8578951	88.334 ng/ul	100
59) 4-Chlorophenyl-phenylether	15.38	204	4732502	97.743 ng/ul	99
60) 4-Nitroaniline	15.41	138	2139842	90.300 ng/ul	96
63) 4,6-Dinitro-2-methylphenol	15.47	198	1757032	93.113 ng/ul#	94
64) N-Nitrosodiphenylamine	15.60	169	7891781	87.340 ng/ul	98
65) 4-Bromophenyl-phenylether	16.27	248	3195667	100.135 ng/ul	96
66) Hexachlorobenzene	16.39	284	3421610	97.625 ng/ul	96
67) Atrazine	16.56	200	3284910	101.335 ng/ul	97
68) Pentachlorophenol	16.73	266	2130203	106.879 ng/ul	99
69) Phenanthrene	17.12	178	13593686	85.306 ng/ul	93
71) Anthracene	17.21	178	13273926m	81.512 ng/ul	
72) 1,2,3,4-Tetrachlorobenzene	13.13	216	4119067	88.212 ng/uL	99
73) Pentachlorobenzene	14.66	250	4003767	96.010 ng/uL	99
74) Carbazole	17.47	167	13040876	89.650 ng/ul	95
75) Di-n-butylphthalate	18.05	149	13179716	71.230 ng/ul#	95
76) Fluoranthene	19.13	202	14648011	82.020 ng/ul#	89
79) Pyrene	19.50	202	14303598	68.387 ng/ul#	92
80) Butylbenzylphthalate	20.42	149	7755013	79.225 ng/ul	94
81) 3,3'-Dichlorobenzidine	21.19	252	7001787	98.469 ng/ul	99
82) Benzo(a)anthracene	21.25	228	15235468m	72.841 ng/ul	
83) Bis(2-ethylhexyl)phthalate	21.21	149	10299169	72.873 ng/ul#	84
84) Chrysene	21.30	228	13911681	69.395 ng/ul	96
86) Di-n-octyl phthalate	22.08	149	14261020	63.158 ng/ul	100
87) Benzo(b)fluoranthene	22.83	252	17825638m	89.353 ng/ul	
88) Benzo(k)fluoranthene	22.87	252	16303032	83.482 ng/ul	97
90) Benzo(a)pyrene	23.40	252	17298831	89.694 ng/ul	94
91) Indeno(1,2,3-cd)pyrene	25.73	276	22055069	93.794 ng/ul	96
92) Dibenzo(a,h)anthracene	25.74	278	18117481	91.361 ng/ul	99
93) Benzo(g,h,i)perylene	26.41	276	18271785	91.413 ng/ul	99

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091619\
Data File : BN007666.D
Acq On : 16 Sep 2019 14:50
Operator : HP/JU
Sample : SSTD08005
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Sep 16 16:20:54 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091619MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 16 14:07:58 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SSTD08005

Manual Integrations APPROVED
mohammad
9/17/2019 4:10:13 PM