Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091619\
Data File : BN007691.D
Acq On : 17 Sep 2019 07:14
Operator : HP/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTD02010

Quant Time: Sep 17 07:53:48 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091619MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 16 18:09:41 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	564528	20.00	ng/ul	0.00
18) Naphthalene-d8	10.48	136	2329107	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.33	164	1490268	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.07	188	3174361	20.00	ng/ul	0.00
77) Chrysene-d12	21.27	240	3196541	20.00	ng/ul	0.00
85) Perylene-d12	23.49	264	3449584	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.26	96	110119	7.41	ng/uL	0.00
5) Phenol-d5	6.88	99	1144145	21.28	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.05	67	616551	20.27	ng/ul	0.00
9) 2-Chlorophenol-d4	7.24	132	843927	22.44	ng/ul	0.00
13) 4-Methylphenol-d8	8.40	113	878248	21.44	ng/ul	0.00
19) Nitrobenzene-d5	8.85	128	402563	23.69	ng/ul	0.00
22) 2-Nitrophenol-d4	9.56	143	420568	26.06	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.10	165	878627	23.19	ng/ul	0.00
29) 4-Chloroaniline-d4	10.61	131	1098102	22.35	ng/ul	0.00
43) Dimethylphthalate-d6	13.75	166	2471829	20.84	ng/ul	0.00
46) Acenaphthylene-d8	14.02	160	3104729	22.86	ng/ul	0.00
51) 4-Nitrophenol-d4	14.53	143	456576	21.65	ng/ul	0.00
57) Fluorene-d10	15.33	176	2148008	20.87	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.45	200	253039	14.77	ng/ul	0.00
70) Anthracene-d10	17.17	188	3448473	21.82	ng/ul	0.00
78) Pyrene-d10	19.47	212	3969496	23.06	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.35	264	3811145	21.23	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.30	88	109982	7.250	ng/uL	98
4) Benzaldehyde	6.85	77	766477	25.407	ng/ul	99
6) Phenol	6.90	94	1185421	20.296	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.13	93	837243	19.833	ng/ul	97
10) 2-Chlorophenol	7.28	128	855247	20.855	ng/ul	99
11) 2-Methylphenol	8.14	108	856210	20.673	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.24	45	901208	19.704	ng/ul	99
14) Acetophenone	8.52	105	1356121	20.455	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.50	70	731146	20.281	ng/ul	99
16) 4-Methylphenol	8.46	108	913157	20.099	ng/ul	94
17) Hexachloroethane	8.78	117	311881	18.171	ng/ul	93
20) Nitrobenzene	8.89	77	1071969	21.225	ng/ul	98
21) Isophorone	9.41	82	1952203	20.235	ng/ul	99
23) 2-Nitrophenol	9.59	139	445764	23.670	ng/ul	99
24) 2,4-Dimethylphenol	9.66	107	1020573	20.774	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.90	93	1132559	19.789	ng/ul	99
27) 2,4-Dichlorophenol	10.12	162	846260	21.763	ng/ul	96
28) Naphthalene	10.53	128	2697610	20.539	ng/ul	99
30) 4-Chloroaniline	10.63	127	1104789	21.208	ng/ul	99
31) Hexachlorobutadiene	10.82	225	577309	20.816	ng/ul	99
32) Caprolactam	11.38	113	356831	26.428	ng/ul	95
33) 4-Chloro-3-methylphenol	11.76	107	956978	21.244	ng/ul	100
34) 2-Methylnaphthalene	12.14	142	1938431	20.440	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.52	216	1137314	21.590 ng/ul	98
37) Hexachlorocyclopentadiene	12.50	237	408456	12.633 ng/ul	98
38) 2,4,6-Trichlorophenol	12.76	196	690913	23.391 ng/ul	98
39) 2,4,5-Trichlorophenol	12.82	196	746879	22.668 ng/ul	99
40) 1,1'-Biphenyl	13.16	154	2447108	20.234 ng/ul	98
41) 2-Chloronaphthalene	13.20	162	1967748	20.985 ng/ul	99
42) 2-Nitroaniline	13.40	65	586020	22.716 ng/ul	93
44) Dimethylphthalate	13.79	163	2420506	20.025 ng/ul	99
45) 2,6-Dinitrotoluene	13.90	165	481385	21.820 ng/ul	97
47) Acenaphthylene	14.05	152	2877370	20.072 ng/ul	99
48) 3-Nitroaniline	14.23	138	528642	24.279 ng/ul	99
49) Acenaphthene	14.40	153	2057292	20.443 ng/ul	98
50) 2,4-Dinitrophenol	14.44	184	152366	12.841 ng/ul	92
52) 4-Nitrophenol	14.54	109	352081	20.338 ng/ul	97
53) Dibenzofuran	14.73	168	2937079	20.120 ng/ul	100
54) 2,4-Dinitrotoluene	14.69	165	684742	20.707 ng/ul	98
55) 2,3,4,6-Tetrachlorophenol	14.96	232	667670	23.480 ng/ul	96
56) Diethylphthalate	15.16	149	2341779	19.468 ng/ul	100
58) Fluorene	15.38	166	2384730	20.302 ng/ul	97
59) 4-Chlorophenyl-phenylether	15.38	204	1291499	20.351 ng/ul	99
60) 4-Nitroaniline	15.39	138	576864	23.253 ng/ul	100
63) 4,6-Dinitro-2-methylphenol	15.46	198	262870	13.769 ng/ul	94
64) N-Nitrosodiphenylamine	15.59	169	2071943	20.824 ng/ul	100
65) 4-Bromophenyl-phenylether	16.27	248	824309	21.645 ng/ul	95
66) Hexachlorobenzene	16.39	284	893731	21.716 ng/ul	94
67) Atrazine	16.55	200	902413	22.336 ng/ul	97
68) Pentachlorophenol	16.73	266	516787	22.419 ng/ul	99
69) Phenanthrene	17.12	178	3872471	20.571 ng/ul	99
71) Anthracene	17.21	178	3980338	21.125 ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.13	216	1115874	22.231 ng/uL	99
73) Pentachlorobenzene	14.66	250	1133081	22.973 ng/uL	100
74) Carbazole	17.47	167	3514626	22.054 ng/ul	100
75) Di-n-butylphthalate	18.06	149	4089942	21.591 ng/ul	100
76) Fluoranthene	19.14	202	4816430	23.324 ng/ul	99
79) Pyrene	19.50	202	4847721	22.775 ng/ul	99
80) Butylbenzylphthalate	20.42	149	1927117	23.819 ng/ul	96
81) 3,3'-Dichlorobenzidine	21.19	252	1741556	22.322 ng/ul	96
82) Benzo(a)anthracene	21.26	228	4905035	21.535 ng/ul	97
83) Bis(2-ethylhexyl)phthalate	21.20	149	2735143	21.948 ng/ul	98
84) Chrysene	21.30	228	4593284	21.675 ng/ul	100
86) Di-n-octyl phthalate	22.08	149	4699243	26.341 ng/ul	100
87) Benzo(b)fluoranthene	22.83	252	4700409	21.070 ng/ul	99
88) Benzo(k)fluoranthene	22.87	252	4462180	20.583 ng/ul	98
90) Benzo(a)pyrene	23.40	252	4519850	20.957 ng/ul	97
91) Indeno(1,2,3-cd)pyrene	25.72	276	5156159	20.348 ng/ul	98
92) Dibenzo(a,h)anthracene	25.73	278	4359434	20.626 ng/ul	99
93) Benzo(g,h,i)perylene	26.39	276	4171703	20.082 ng/ul	99

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

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