Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN092319\
Data File : BN007822.D
Acq On : 24 Sep 2019 03:28
Operator : HP/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTD02053

Quant Time: Sep 24 04:01:53 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091619MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 23 15:18:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	546169	20.00	ng/ul	0.00
18) Naphthalene-d8	10.46	136	2215881	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.32	164	1422657	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.06	188	3105908	20.00	ng/ul	0.00
77) Chrysene-d12	21.26	240	3286115	20.00	ng/ul	0.00
85) Perylene-d12	23.47	264	3675897	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.25	96	107993	7.51	ng/uL	0.00
5) Phenol-d5	6.86	99	1071022	20.59	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.03	67	587414	19.96	ng/ul	0.00
9) 2-Chlorophenol-d4	7.22	132	796204	21.89	ng/ul	0.00
13) 4-Methylphenol-d8	8.39	113	816074	20.59	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	374212	23.14	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	392184	25.55	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.08	165	820630	22.77	ng/ul	0.00
29) 4-Chloroaniline-d4	10.59	131	1037390	22.19	ng/ul	0.00
43) Dimethylphthalate-d6	13.73	166	2418277	21.36	ng/ul	0.00
46) Acenaphthylene-d8	14.00	160	2992153	23.08	ng/ul	0.00
51) 4-Nitrophenol-d4	14.52	143	421889	20.95	ng/ul	0.00
57) Fluorene-d10	15.31	176	2070683	21.08	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.43	200	364993	21.78	ng/ul	0.00
70) Anthracene-d10	17.16	188	3337001	21.58	ng/ul	0.00
78) Pyrene-d10	19.46	212	3938539	22.25	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.33	264	3999857	20.91	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.28	88	114889	7.828	ng/uL	98
4) Benzaldehyde	6.83	77	723694	24.796	ng/ul	98
6) Phenol	6.89	94	1109294	19.631	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.12	93	826714	20.242	ng/ul	99
10) 2-Chlorophenol	7.26	128	806597	20.330	ng/ul	98
11) 2-Methylphenol	8.13	108	809908	20.212	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.22	45	890885	20.133	ng/ul	99
14) Acetophenone	8.50	105	1285150	20.036	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.49	70	708012	20.299	ng/ul	98
16) 4-Methylphenol	8.45	108	867778	19.742	ng/ul	100
17) Hexachloroethane	8.76	117	339474	20.443	ng/ul	92
20) Nitrobenzene	8.87	77	1021081	21.251	ng/ul	99
21) Isophorone	9.39	82	1918824	20.905	ng/ul	99
23) 2-Nitrophenol	9.58	139	428512	23.916	ng/ul	96
24) 2,4-Dimethylphenol	9.65	107	966765	20.684	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.88	93	1146455	21.055	ng/ul	99
27) 2,4-Dichlorophenol	10.11	162	795613	21.506	ng/ul	98
28) Naphthalene	10.51	128	2532271	20.266	ng/ul	99
30) 4-Chloroaniline	10.62	127	1036823	20.920	ng/ul	98
31) Hexachlorobutadiene	10.80	225	567346	21.502	ng/ul	98
32) Caprolactam	11.36	113	331221	25.784	ng/ul	97
33) 4-Chloro-3-methylphenol	11.75	107	898423	20.964	ng/ul	99
34) 2-Methylnaphthalene	12.12	142	1849593	20.500	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.50	216	1076744	21.412 ng/ul	97
37) Hexachlorocyclopentadiene	12.49	237	614097	19.895 ng/ul	99
38) 2,4,6-Trichlorophenol	12.74	196	657237	23.309 ng/ul	97
39) 2,4,5-Trichlorophenol	12.81	196	715355	22.743 ng/ul	99
40) 1,1'-Biphenyl	13.15	154	2373304	20.556 ng/ul	98
41) 2-Chloronaphthalene	13.19	162	1878362	20.984 ng/ul	99
42) 2-Nitroaniline	13.39	65	561215	22.788 ng/ul	95
44) Dimethylphthalate	13.77	163	2363860	20.485 ng/ul	100
45) 2,6-Dinitrotoluene	13.89	165	481857	22.880 ng/ul	96
47) Acenaphthylene	14.03	152	2778558	20.304 ng/ul	99
48) 3-Nitroaniline	14.22	138	481943	23.186 ng/ul	98
49) Acenaphthene	14.38	153	2002330	20.842 ng/ul	97
50) 2,4-Dinitrophenol	14.42	184	209708	18.514 ng/ul	94
52) 4-Nitrophenol	14.53	109	329585	19.944 ng/ul	96
53) Dibenzofuran	14.72	168	2825156	20.273 ng/ul	99
54) 2,4-Dinitrotoluene	14.68	165	698777	22.135 ng/ul	94
55) 2,3,4,6-Tetrachlorophenol	14.95	232	642592	23.672 ng/ul	98
56) Diethylphthalate	15.15	149	2369801	20.638 ng/ul	100
58) Fluorene	15.37	166	2297798	20.491 ng/ul	98
59) 4-Chlorophenyl-phenylether	15.37	204	1252195	20.670 ng/ul	97
60) 4-Nitroaniline	15.38	138	532631	22.490 ng/ul	99
63) 4,6-Dinitro-2-methylphenol	15.45	198	381964	20.448 ng/ul	97
64) N-Nitrosodiphenylamine	15.58	169	2038875	20.944 ng/ul	98
65) 4-Bromophenyl-phenylether	16.26	248	808967	21.711 ng/ul	94
66) Hexachlorobenzene	16.37	284	867019	21.531 ng/ul	97
67) Atrazine	16.53	200	985717	24.936 ng/ul	99
68) Pentachlorophenol	16.72	266	498310	22.094 ng/ul	96
69) Phenanthrene	17.10	178	3826828	20.777 ng/ul	100
71) Anthracene	17.19	178	3864085	20.960 ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.11	216	1061088	21.606 ng/uL	98
73) Pentachlorobenzene	14.64	250	1069373	22.159 ng/uL	99
74) Carbazole	17.46	167	3395012	21.773 ng/ul	99
75) Di-n-butylphthalate	18.04	149	4114863	22.201 ng/ul	99
76) Fluoranthene	19.12	202	4747166	23.496 ng/ul	100
79) Pyrene	19.49	202	4781823	21.853 ng/ul	99
80) Butylbenzylphthalate	20.40	149	1939657	23.320 ng/ul	95
81) 3,3'-Dichlorobenzidine	21.17	252	1729589	21.564 ng/ul	99
82) Benzo(a)anthracene	21.24	228	5025490	21.462 ng/ul	98
83) Bis(2-ethylhexyl)phthalate	21.19	149	2932000	22.886 ng/ul#	96
84) Chrysene	21.29	228	4676520	21.466 ng/ul	100
86) Di-n-octyl phthalate	22.06	149	5017967	26.396 ng/ul	100
87) Benzo(b)fluoranthene	22.81	252	4912343	20.664 ng/ul	99
88) Benzo(k)fluoranthene	22.85	252	4920309	21.299 ng/ul	99
90) Benzo(a)pyrene	23.37	252	4772776	20.767 ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.69	276	5547789	20.546 ng/ul	98
92) Dibenzo(a,h)anthracene	25.69	278	4597778	20.414 ng/ul	99
93) Benzo(g,h,i)perylene	26.36	276	4514154	20.393 ng/ul	99

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

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