Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091619\
Data File : BN007684.D
Acq On : 17 Sep 2019 01:50
Operator : HP/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTD02009

Quant Time: Sep 17 02:34:40 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	559246	20.00	ng/ul	0.00
18) Naphthalene-d8	10.47	136	2325635	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.33	164	1501951	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.07	188	3179930	20.00	ng/ul	0.00
77) Chrysene-d12	21.27	240	3254042	20.00	ng/ul	0.00
85) Perylene-d12	23.49	264	3371261	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.26	96	108573	7.38	ng/uL	0.00
5) Phenol-d5	6.88	99	1115680	20.95	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.05	67	625184	20.75	ng/ul	0.00
9) 2-Chlorophenol-d4	7.24	132	827460	22.21	ng/ul	0.00
13) 4-Methylphenol-d8	8.40	113	859237	21.17	ng/ul	0.00
19) Nitrobenzene-d5	8.85	128	391743	23.08	ng/ul	0.00
22) 2-Nitrophenol-d4	9.56	143	394471	24.48	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.10	165	835916	22.10	ng/ul	0.00
29) 4-Chloroaniline-d4	10.60	131	1098109	22.38	ng/ul	0.00
43) Dimethylphthalate-d6	13.75	166	2473910	20.70	ng/ul	0.00
46) Acenaphthylene-d8	14.02	160	3138965	22.93	ng/ul	0.00
51) 4-Nitrophenol-d4	14.52	143	437897	20.60	ng/ul	0.00
57) Fluorene-d10	15.32	176	2178171	21.00	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.44	200	305383	17.80	ng/ul	0.00
70) Anthracene-d10	17.17	188	3451131	21.80	ng/ul	0.00
78) Pyrene-d10	19.47	212	3949729	22.54	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.34	264	3703202	21.11	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.30	88	112157	7.463	ng/uL	97
4) Benzaldehyde	6.85	77	791779	26.494	ng/ul	97
6) Phenol	6.90	94	1169649	20.215	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.13	93	838838	20.058	ng/ul	97
10) 2-Chlorophenol	7.28	128	838094	20.630	ng/ul	99
11) 2-Methylphenol	8.14	108	848740	20.686	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.23	45	926283	20.443	ng/ul	98
14) Acetophenone	8.52	105	1341048	20.418	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.50	70	734412	20.564	ng/ul	98
16) 4-Methylphenol	8.46	108	898616	19.966	ng/ul	96
17) Hexachloroethane	8.78	117	345377	20.312	ng/ul	94
20) Nitrobenzene	8.89	77	1076716	21.351	ng/ul	99
21) Isophorone	9.41	82	1998276	20.743	ng/ul	99
23) 2-Nitrophenol	9.59	139	433769	23.067	ng/ul	99
24) 2,4-Dimethylphenol	9.66	107	1011349	20.617	ng/ul	100
25) Bis(2-Chloroethoxy)methane	9.89	93	1167132	20.423	ng/ul	99
27) 2,4-Dichlorophenol	10.12	162	820409	21.130	ng/ul	95
28) Naphthalene	10.52	128	2675260	20.400	ng/ul	99
30) 4-Chloroaniline	10.63	127	1086677	20.891	ng/ul	100
31) Hexachlorobutadiene	10.82	225	567877	20.506	ng/ul	99
32) Caprolactam	11.37	113	345841	25.652	ng/ul	98
33) 4-Chloro-3-methylphenol	11.76	107	934035	20.766	ng/ul	100
34) 2-Methylnaphthalene	12.14	142	1918498	20.260	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.52	216	1118249	21.063	ng/ul	97
37) Hexachlorocyclopentadiene	12.50	237	576082	17.678	ng/ul	100
38) 2,4,6-Trichlorophenol	12.75	196	664220	22.313	ng/ul	98
39) 2,4,5-Trichlorophenol	12.82	196	729082	21.956	ng/ul	98
40) 1,1'-Biphenyl	13.16	154	2478582	20.334	ng/ul	99
41) 2-Chloronaphthalene	13.20	162	1968603	20.831	ng/ul	99
42) 2-Nitroaniline	13.40	65	580673	22.333	ng/ul	95
44) Dimethylphthalate	13.79	163	2432196	19.965	ng/ul	100
45) 2,6-Dinitrotoluene	13.90	165	491377	22.100	ng/ul	97
47) Acenaphthylene	14.05	152	2928580	20.271	ng/ul	99
48) 3-Nitroaniline	14.23	138	513645	23.407	ng/ul	98
49) Acenaphthene	14.39	153	2073642	20.445	ng/ul	98
50) 2,4-Dinitrophenol	14.43	184	175675	14.691	ng/ul	96
52) 4-Nitrophenol	14.53	109	342477	19.630	ng/ul	96
53) Dibenzofuran	14.73	168	2976969	20.234	ng/ul	100
54) 2,4-Dinitrotoluene	14.69	165	722100	21.667	ng/ul	99
55) 2,3,4,6-Tetrachlorophenol	14.96	232	622044	21.705	ng/ul	99
56) Diethylphthalate	15.16	149	2407483	19.859	ng/ul	100
58) Fluorene	15.38	166	2407078	20.332	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.38	204	1290230	20.173	ng/ul	99
60) 4-Nitroaniline	15.39	138	567328	22.691	ng/ul	98
63) 4,6-Dinitro-2-methylphenol	15.46	198	318622	16.660	ng/ul	96
64) N-Nitrosodiphenylamine	15.59	169	2109818	21.168	ng/ul	99
65) 4-Bromophenyl-phenylether	16.27	248	818386	21.452	ng/ul	98
66) Hexachlorobenzene	16.39	284	876608	21.263	ng/ul	99
67) Atrazine	16.55	200	981405	24.249	ng/ul	100
68) Pentachlorophenol	16.73	266	435835	18.874	ng/ul	98
69) Phenanthrene	17.12	178	3931838	20.850	ng/ul	100
71) Anthracene	17.20	178	4006879	21.229	ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.12	216	1097872	21.835	ng/uL	98
73) Pentachlorobenzene	14.65	250	1117571	22.619	ng/uL	99
74) Carbazole	17.47	167	3520147	22.050	ng/ul	99
75) Di-n-butylphthalate	18.05	149	4085617	21.530	ng/ul	100
76) Fluoranthene	19.13	202	4780389	23.109	ng/ul	100
79) Pyrene	19.50	202	4827218	22.278	ng/ul	99
80) Butylbenzylphthalate	20.42	149	1803316	21.895	ng/ul	95
81) 3,3'-Dichlorobenzidine	21.19	252	1471664	18.529	ng/ul	97
82) Benzo(a)anthracene	21.25	228	4918309	21.211	ng/ul	98
83) Bis(2-ethylhexyl)phthalate	21.20	149	2617257	20.631	ng/ul#	97
84) Chrysene	21.30	228	4552186	21.101	ng/ul	100
86) Di-n-octyl phthalate	22.08	149	4461336	25.588	ng/ul	100
87) Benzo(b)fluoranthene	22.82	252	4641470	21.289	ng/ul	99
88) Benzo(k)fluoranthene	22.87	252	4457324	21.038	ng/ul	97
90) Benzo(a)pyrene	23.39	252	4434238	21.037	ng/ul	98
91) Indeno(1,2,3-cd)pyrene	25.70	276	4965010	20.049	ng/ul	99
92) Dibenzo(a,h)anthracene	25.72	278	4166818	20.173	ng/ul	99
93) Benzo(g,h,i)perylene	26.37	276	3816833	18.801	ng/ul	99

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

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