Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN092319\
Data File : BN007806.D
Acq On : 23 Sep 2019 17:55
Operator : HP/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTD02052

Quant Time: Sep 23 18:33:53 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	465235	20.00	ng/ul	0.00
18) Naphthalene-d8	10.46	136	1883692	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.32	164	1202564	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.06	188	2573938	20.00	ng/ul	0.00
77) Chrysene-d12	21.26	240	2897484	20.00	ng/ul	0.00
85) Perylene-d12	23.47	264	3338619	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.25	96	91989	7.51	ng/uL	0.00
5) Phenol-d5	6.86	99	879234	19.84	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.03	67	514655	20.53	ng/ul	0.00
9) 2-Chlorophenol-d4	7.23	132	657932	21.23	ng/ul	0.00
13) 4-Methylphenol-d8	8.39	113	682966	20.23	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	299038	21.76	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	296562	22.72	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.08	165	669694	21.86	ng/ul	0.00
29) 4-Chloroaniline-d4	10.59	131	851700	21.43	ng/ul	0.00
43) Dimethylphthalate-d6	13.73	166	2035806	21.28	ng/ul	0.00
46) Acenaphthylene-d8	14.00	160	2510880	22.91	ng/ul	0.00
51) 4-Nitrophenol-d4	14.51	143	331085	19.45	ng/ul	0.00
57) Fluorene-d10	15.31	176	1744206	21.01	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.43	200	273892	19.72	ng/ul	0.00
70) Anthracene-d10	17.16	188	2802226	21.87	ng/ul	0.00
78) Pyrene-d10	19.46	212	3353237	21.49	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.33	264	3582520	20.62	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.28	88	95893	7.671	ng/uL	97
4) Benzaldehyde	6.84	77	628215	25.269	ng/ul	98
6) Phenol	6.89	94	933433	19.392	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.12	93	716170	20.586	ng/ul	99
10) 2-Chlorophenol	7.26	128	680243	20.128	ng/ul	99
11) 2-Methylphenol	8.13	108	667482	19.556	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.22	45	776520	20.601	ng/ul	99
14) Acetophenone	8.50	105	1085092	19.860	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.49	70	591679	19.915	ng/ul	99
16) 4-Methylphenol	8.45	108	725370	19.373	ng/ul	100
17) Hexachloroethane	8.76	117	289910	20.496	ng/ul	98
20) Nitrobenzene	8.88	77	855075	20.934	ng/ul	98
21) Isophorone	9.39	82	1571619	20.142	ng/ul	99
23) 2-Nitrophenol	9.58	139	332130	21.806	ng/ul	99
24) 2,4-Dimethylphenol	9.65	107	810768	20.406	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.88	93	979145	21.154	ng/ul	99
27) 2,4-Dichlorophenol	10.11	162	655216	20.834	ng/ul	96
28) Naphthalene	10.51	128	2184948	20.570	ng/ul	98
30) 4-Chloroaniline	10.62	127	857328	20.349	ng/ul	100
31) Hexachlorobutadiene	10.80	225	482961	21.531	ng/ul	99
32) Caprolactam	11.36	113	245235	22.457	ng/ul	95
33) 4-Chloro-3-methylphenol	11.75	107	724781	19.894	ng/ul	99
34) 2-Methylnaphthalene	12.12	142	1563911	20.390	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.50	216	907907	21.359	ng/ul	98
37) Hexachlorocyclopentadiene	12.49	237	518932	19.889	ng/ul	100
38) 2,4,6-Trichlorophenol	12.74	196	514863	21.601	ng/ul	100
39) 2,4,5-Trichlorophenol	12.81	196	567685	21.352	ng/ul	98
40) 1,1'-Biphenyl	13.15	154	2012080	20.617	ng/ul	98
41) 2-Chloronaphthalene	13.19	162	1588441	20.993	ng/ul	98
42) 2-Nitroaniline	13.39	65	437656	21.023	ng/ul	94
44) Dimethylphthalate	13.77	163	2006799	20.574	ng/ul	100
45) 2,6-Dinitrotoluene	13.89	165	380287	21.362	ng/ul	98
47) Acenaphthylene	14.03	152	2345838	20.279	ng/ul	99
48) 3-Nitroaniline	14.22	138	383451	21.824	ng/ul	98
49) Acenaphthene	14.38	153	1693192	20.850	ng/ul	99
50) 2,4-Dinitrophenol	14.42	184	155489	16.240	ng/ul	95
52) 4-Nitrophenol	14.52	109	266130	19.051	ng/ul	95
53) Dibenzofuran	14.72	168	2389646	20.286	ng/ul	99
54) 2,4-Dinitrotoluene	14.67	165	558249	20.920	ng/ul	98
55) 2,3,4,6-Tetrachlorophenol	14.95	232	492050	21.444	ng/ul	99
56) Diethylphthalate	15.15	149	1982789	20.428	ng/ul	99
58) Fluorene	15.37	166	1952450	20.598	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.37	204	1077985	21.051	ng/ul	96
60) 4-Nitroaniline	15.38	138	421936	21.077	ng/ul	98
63) 4,6-Dinitro-2-methylphenol	15.45	198	291619	18.838	ng/ul	96
64) N-Nitrosodiphenylamine	15.58	169	1712785	21.230	ng/ul	98
65) 4-Bromophenyl-phenylether	16.26	248	670803	21.723	ng/ul	97
66) Hexachlorobenzene	16.37	284	726403	21.768	ng/ul	97
67) Atrazine	16.53	200	801834	24.477	ng/ul	99
68) Pentachlorophenol	16.72	266	359357	19.226	ng/ul	93
69) Phenanthrene	17.10	178	3237909	21.213	ng/ul	99
71) Anthracene	17.19	178	3283406	21.491	ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.11	216	900869	22.135	ng/uL	98
73) Pentachlorobenzene	14.64	250	908795	22.724	ng/uL	99
74) Carbazole	17.46	167	2857812	22.116	ng/ul	99
75) Di-n-butylphthalate	18.05	149	3377934	21.992	ng/ul	100
76) Fluoranthene	19.12	202	4018320	23.999	ng/ul	100
79) Pyrene	19.49	202	4140665	21.461	ng/ul	100
80) Butylbenzylphthalate	20.40	149	1511656	20.612	ng/ul	99
81) 3,3'-Dichlorobenzidine	21.17	252	1411113	19.953	ng/ul	97
82) Benzo(a)anthracene	21.24	228	4491807	21.756	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.19	149	2462698	21.802	ng/ul	98
84) Chrysene	21.29	228	4179216	21.756	ng/ul	100
86) Di-n-octyl phthalate	22.07	149	4053259	23.475	ng/ul	100
87) Benzo(b)fluoranthene	22.81	252	4488138	20.787	ng/ul	99
88) Benzo(k)fluoranthene	22.86	252	4434183	21.134	ng/ul	99
90) Benzo(a)pyrene	23.38	252	4369588	20.933	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.69	276	5078971	20.710	ng/ul	98
92) Dibenzo(a,h)anthracene	25.70	278	4286998	20.957	ng/ul	98
93) Benzo(g,h,i)perylene	26.36	276	4038780	20.088	ng/ul	100

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

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