Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN060519\
Data File : BN006133.D
Acq On : 06 Jun 2019 12:48
Operator : JU/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTD02014

Quant Time: Jun 06 13:32:34 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN060419MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 06 07:51:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	378817	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	1692819	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.30	164	906846	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.06	188	1807726	20.00	ng/ul	0.00
77) Chrysene-d12	21.29	240	1591322	20.00	ng/ul	0.02
85) Perylene-d12	23.55	264	1815019	20.00	ng/ul	0.05
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.15	96	74367	8.50	ng/uL	0.00
5) Phenol-d5	6.82	99	715633	23.64	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.99	67	418521	24.18	ng/ul	0.00
9) 2-Chlorophenol-d4	7.18	132	549113	22.58	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	547727	23.36	ng/ul	0.00
19) Nitrobenzene-d5	8.80	128	266154	22.03	ng/ul	0.00
22) 2-Nitrophenol-d4	9.52	143	292604	21.82	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.06	165	525719	21.69	ng/ul	0.00
29) 4-Chloroaniline-d4	10.57	131	663233	22.92	ng/ul	0.00
43) Dimethylphthalate-d6	13.72	166	1394716	21.68	ng/ul	0.00
46) Acenaphthylene-d8	13.99	160	1841898	22.12	ng/ul	0.00
51) 4-Nitrophenol-d4	14.52	143	232805	20.49	ng/ul	0.00
57) Fluorene-d10	15.30	176	1165157	21.44	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.43	200	186587	18.45	ng/ul	0.00
70) Anthracene-d10	17.16	188	1701513	22.06	ng/ul	0.00
78) Pyrene-d10	19.47	212	1794169	23.33	ng/ul	0.01
89) Benzo(a)pyrene-d12	23.41	264	1745794	21.60	ng/ul	0.05
Target Compounds						Qvalue
2) 1,4-Dioxane	3.18	88	80595	8.918	ng/uL	96
4) Benzaldehyde	6.79	77	454592	22.129	ng/ul	99
6) Phenol	6.85	94	742648	24.007	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.07	93	570490	23.763	ng/ul	98
10) 2-Chlorophenol	7.21	128	566413	22.811	ng/ul	96
11) 2-Methylphenol	8.09	108	543153	23.401	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.18	45	823423	25.666	ng/ul	99
14) Acetophenone	8.46	105	840152	23.681	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.45	70	453956	24.145	ng/ul	99
16) 4-Methylphenol	8.42	108	593367	23.795	ng/ul	97
17) Hexachloroethane	8.72	117	223563	21.410	ng/ul	97
20) Nitrobenzene	8.85	77	642489	22.482	ng/ul	99
21) Isophorone	9.36	82	1236367	22.450	ng/ul	99
23) 2-Nitrophenol	9.55	139	308875	21.817	ng/ul	99
24) 2,4-Dimethylphenol	9.62	107	627407	21.826	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.85	93	776220	22.897	ng/ul	99
27) 2,4-Dichlorophenol	10.08	162	517292	21.908	ng/ul	100
28) Naphthalene	10.48	128	1767476	22.140	ng/ul	99
30) 4-Chloroaniline	10.59	127	666335	22.965	ng/ul	99
31) Hexachlorobutadiene	10.76	225	307936	20.399	ng/ul	95
32) Caprolactam	11.35	113	170190	21.502	ng/ul	96
33) 4-Chloro-3-methylphenol	11.73	107	558446	21.730	ng/ul	96
34) 2-Methylnaphthalene	12.10	142	1225764	22.026	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.47	216	598376	22.043	ng/ul	97
37) Hexachlorocyclopentadiene	12.46	237	252507	16.288	ng/ul	98
38) 2,4,6-Trichlorophenol	12.72	196	385486	22.193	ng/ul	98
39) 2,4,5-Trichlorophenol	12.79	196	390705	21.091	ng/ul	95
40) 1,1'-Biphenyl	13.13	154	1532081	22.491	ng/ul	99
41) 2-Chloronaphthalene	13.17	162	1172579	22.264	ng/ul	99
42) 2-Nitroaniline	13.38	65	346806	22.663	ng/ul	96
44) Dimethylphthalate	13.76	163	1384313	21.695	ng/ul	99
45) 2,6-Dinitrotoluene	13.89	165	282798	21.827	ng/ul	98
47) Acenaphthylene	14.02	152	1812246	22.163	ng/ul	99
48) 3-Nitroaniline	14.22	138	285406	22.535	ng/ul	100
49) Acenaphthene	14.36	153	1211658	22.022	ng/ul	99
50) 2,4-Dinitrophenol	14.43	184	101712	14.815	ng/ul	96
52) 4-Nitrophenol	14.53	109	172465	20.022	ng/ul	99
53) Dibenzofuran	14.70	168	1696164	21.846	ng/ul	98
54) 2,4-Dinitrotoluene	14.68	165	392019	21.553	ng/ul	97
55) 2,3,4,6-Tetrachlorophenol	14.93	232	326037	21.359	ng/ul	99
56) Diethylphthalate	15.13	149	1374162	21.504	ng/ul	99
58) Fluorene	15.36	166	1335312	21.968	ng/ul	97
59) 4-Chlorophenyl-phenylether	15.35	204	655891	21.644	ng/ul	99
60) 4-Nitroaniline	15.38	138	325843	21.970	ng/ul	98
63) 4,6-Dinitro-2-methylphenol	15.45	198	195779	18.649	ng/ul	99
64) N-Nitrosodiphenylamine	15.57	169	1156632	23.009	ng/ul	99
65) 4-Bromophenyl-phenylether	16.25	248	393723	22.175	ng/ul	99
66) Hexachlorobenzene	16.36	284	428449	21.973	ng/ul	99
67) Atrazine	16.53	200	392591	21.769	ng/ul	98
68) Pentachlorophenol	16.71	266	230829	20.817	ng/ul	97
69) Phenanthrene	17.10	178	1982253	22.359	ng/ul	99
71) Anthracene	17.19	178	2059637	22.734	ng/ul	100
72) 1,2,3,4-Tetrachlorobenzene	13.09	216	604988	23.288	ng/uL	98
73) Pentachlorobenzene	14.63	250	532692	22.961	ng/uL	97
74) Carbazole	17.46	167	1841763	22.758	ng/ul	100
75) Di-n-butylphthalate	18.03	149	2264274	21.996	ng/ul	99
76) Fluoranthene	19.13	202	2196833	22.110	ng/ul	97
79) Pyrene	19.50	202	2274602	23.250	ng/ul	99
80) Butylbenzylphthalate	20.42	149	1005298	21.956	ng/ul	96
81) 3,3'-Dichlorobenzidine	21.22	252	741281	22.288	ng/ul	100
82) Benzo(a)anthracene	21.28	228	2129038	21.762	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.22	149	1468493	22.214	ng/ul	99
84) Chrysene	21.33	228	2094422	22.336	ng/ul	99
86) Di-n-octyl phthalate	22.12	149	2564775	23.420	ng/ul	100
87) Benzo(b)fluoranthene	22.88	252	2137797	22.095	ng/ul	99
88) Benzo(k)fluoranthene	22.93	252	2121188	22.396	ng/ul	99
90) Benzo(a)pyrene	23.46	252	2080914	22.246	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.80	276	2442240	21.415	ng/ul	97
92) Dibenzo(a,h)anthracene	25.82	278	2047756	21.291	ng/ul	99
93) Benzo(g,h,i)perylene	26.49	276	2050344	21.150	ng/ul	99

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

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