Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN060519\
Data File : BN006118.D
Acq On : 06 Jun 2019 02:36
Operator : JU/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTD02099

Quant Time: Jun 06 07:49:22 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN060419MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 06 06:49:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	297730	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	1288994	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.30	164	731512	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.05	188	1562651	20.00	ng/ul	0.00
77) Chrysene-d12	21.27	240	1437276	20.00	ng/ul	-0.02
85) Perylene-d12	23.50	264	1607434	20.00	ng/ul	-0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.15	96	60912	8.86	ng/uL	0.00
5) Phenol-d5	6.82	99	529670	22.27	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.98	67	318783	23.43	ng/ul	0.00
9) 2-Chlorophenol-d4	7.18	132	414982	21.71	ng/ul	0.00
13) 4-Methylphenol-d8	8.35	113	407570	22.11	ng/ul	0.00
19) Nitrobenzene-d5	8.80	128	196612	21.37	ng/ul	0.00
22) 2-Nitrophenol-d4	9.52	143	211223	20.69	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.05	165	397531	21.54	ng/ul	0.00
29) 4-Chloroaniline-d4	10.57	131	499331	22.66	ng/ul	0.00
43) Dimethylphthalate-d6	13.71	166	1144040	22.05	ng/ul	0.00
46) Acenaphthylene-d8	13.99	160	1469272	21.88	ng/ul	0.00
51) 4-Nitrophenol-d4	14.51	143	192861	21.04	ng/ul	0.00
57) Fluorene-d10	15.30	176	969727	22.12	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.43	200	164157	18.77	ng/ul	0.00
70) Anthracene-d10	17.15	188	1489053	22.33	ng/ul	0.00
78) Pyrene-d10	19.46	212	1579525	22.74	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.36	264	1550297	21.66	ng/ul	-0.04
Target Compounds						Qvalue
2) 1,4-Dioxane	3.19	88	65049	9.158	ng/uL	98
4) Benzaldehyde	6.79	77	362424	22.447	ng/ul	99
6) Phenol	6.85	94	550215	22.630	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.08	93	431283	22.857	ng/ul	98
10) 2-Chlorophenol	7.21	128	424145	21.733	ng/ul	97
11) 2-Methylphenol	8.09	108	404423	22.170	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.18	45	626590	24.850	ng/ul	98
14) Acetophenone	8.46	105	640673	22.976	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.45	70	343568	23.251	ng/ul	98
16) 4-Methylphenol	8.42	108	445444	22.728	ng/ul	99
17) Hexachloroethane	8.71	117	176659	21.525	ng/ul	92
20) Nitrobenzene	8.84	77	483907	22.238	ng/ul	99
21) Isophorone	9.36	82	948612	22.621	ng/ul	98
23) 2-Nitrophenol	9.55	139	231852	21.507	ng/ul	98
24) 2,4-Dimethylphenol	9.61	107	486787	22.239	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.85	93	592603	22.957	ng/ul	99
27) 2,4-Dichlorophenol	10.08	162	392545	21.833	ng/ul	100
28) Naphthalene	10.47	128	1334124	21.947	ng/ul	99
30) 4-Chloroaniline	10.59	127	506378	22.920	ng/ul	97
31) Hexachlorobutadiene	10.76	225	239582	20.844	ng/ul	98
32) Caprolactam	11.34	113	133122	22.088	ng/ul	96
33) 4-Chloro-3-methylphenol	11.73	107	435335	22.247	ng/ul	99
34) 2-Methylnaphthalene	12.10	142	942801	22.249	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	463337	21.159	ng/ul	98
37) Hexachlorocyclopentadiene	12.45	237	203949	16.309	ng/ul	97
38) 2,4,6-Trichlorophenol	12.72	196	291394	20.797	ng/ul	98
39) 2,4,5-Trichlorophenol	12.79	196	312542	20.915	ng/ul	96
40) 1,1'-Biphenyl	13.13	154	1191887	21.691	ng/ul	99
41) 2-Chloronaphthalene	13.16	162	924918	21.771	ng/ul	100
42) 2-Nitroaniline	13.37	65	268155	21.724	ng/ul	96
44) Dimethylphthalate	13.76	163	1136994	22.090	ng/ul	100
45) 2,6-Dinitrotoluene	13.88	165	228392	21.853	ng/ul	97
47) Acenaphthylene	14.02	152	1452838	22.026	ng/ul	99
48) 3-Nitroaniline	14.21	138	230639	22.576	ng/ul	99
49) Acenaphthene	14.36	153	985472	22.204	ng/ul	99
50) 2,4-Dinitrophenol	14.43	184	86876	15.688	ng/ul	96
52) 4-Nitrophenol	14.53	109	144391	20.781	ng/ul	100
53) Dibenzofuran	14.70	168	1382420	22.073	ng/ul	99
54) 2,4-Dinitrotoluene	14.67	165	325766	22.203	ng/ul	94
55) 2,3,4,6-Tetrachlorophenol	14.93	232	265933	21.597	ng/ul	96
56) Diethylphthalate	15.13	149	1140975	22.134	ng/ul	99
58) Fluorene	15.35	166	1094935	22.331	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.35	204	539733	22.080	ng/ul	99
60) 4-Nitroaniline	15.38	138	273141	22.831	ng/ul	98
63) 4,6-Dinitro-2-methylphenol	15.45	198	174030	19.177	ng/ul	100
64) N-Nitrosodiphenylamine	15.57	169	970898	22.343	ng/ul	100
65) 4-Bromophenyl-phenylether	16.25	248	327989	21.370	ng/ul	97
66) Hexachlorobenzene	16.36	284	361070	21.422	ng/ul	98
67) Atrazine	16.52	200	334365	21.448	ng/ul	98
68) Pentachlorophenol	16.71	266	188160	19.630	ng/ul	95
69) Phenanthrene	17.09	178	1706211	22.264	ng/ul	99
71) Anthracene	17.19	178	1792162	22.884	ng/ul	100
72) 1,2,3,4-Tetrachlorobenzene	13.09	216	470320	20.944	ng/uL	100
73) Pentachlorobenzene	14.62	250	432956	21.589	ng/uL	99
74) Carbazole	17.46	167	1595346	22.805	ng/ul	99
75) Di-n-butylphthalate	18.03	149	1968176	22.118	ng/ul	100
76) Fluoranthene	19.12	202	1942801	22.620	ng/ul	97
79) Pyrene	19.49	202	2018874	22.848	ng/ul	97
80) Butylbenzylphthalate	20.40	149	881478	21.316	ng/ul	97
81) 3,3'-Dichlorobenzidine	21.19	252	663700	22.094	ng/ul	99
82) Benzo(a)anthracene	21.25	228	1934144	21.889	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.19	149	1332460	22.316	ng/ul	99
84) Chrysene	21.30	228	1894503	22.369	ng/ul	99
86) Di-n-octyl phthalate	22.07	149	2329042	24.014	ng/ul	100
87) Benzo(b)fluoranthene	22.83	252	1898951	22.161	ng/ul	98
88) Benzo(k)fluoranthene	22.88	252	1928601	22.992	ng/ul	99
90) Benzo(a)pyrene	23.41	252	1860636	22.460	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.74	276	2184086	21.625	ng/ul	96
92) Dibenzo(a,h)anthracene	25.75	278	1838276	21.582	ng/ul	98
93) Benzo(g,h,i)perylene	26.42	276	1819995	21.199	ng/ul	98

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

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