Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042919\
Data File : BN005354.D
Acq On : 29 Apr 2019 16:52
Operator : JU/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTD02083

Quant Time: Apr 30 00:52:55 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Apr 25 03:19:34 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	297225	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.35	136	1259404	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.22	164	762002	20.00	ng/ul	-0.01
61) Phenanthrene-d10	16.98	188	1738842	20.00	ng/ul	0.00
77) Chrysene-d12	21.22	240	1655348	20.00	ng/ul	0.00
85) Perylene-d12	23.43	264	1876293	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.21	96	44658	7.25	ng/uL	0.00
5) Phenol-d5	6.77	99	411074	17.61	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.93	67	237978	16.34	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.12	132	334794	18.74	ng/ul	-0.01
13) 4-Methylphenol-d8	8.29	113	329750	18.07	ng/ul	-0.01
19) Nitrobenzene-d5	8.73	128	164017	21.16	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.45	143	178374	22.70	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.98	165	343083	19.05	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.49	131	365014	19.65	ng/ul	-0.01
43) Dimethylphthalate-d6	13.65	166	972458	17.58	ng/ul	0.00
46) Acenaphthylene-d8	13.91	160	1259705	18.54	ng/ul	-0.01
51) 4-Nitrophenol-d4	14.43	143	169542	19.41	ng/ul	0.00
57) Fluorene-d10	15.22	176	851157	18.33	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.36	200	153175	19.59	ng/ul	0.00
70) Anthracene-d10	17.08	188	1324087	18.16	ng/ul	0.00
78) Pyrene-d10	19.39	212	1472818	17.39	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.29	264	1512044	18.44	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.24	88	45829	6.922	ng/uL	99
4) Benzaldehyde	6.75	77	284450	17.195	ng/ul	98
6) Phenol	6.79	94	430344	17.922	ng/ul	96
8) Bis(2-Chloroethyl)ether	7.02	93	331191	17.226	ng/ul	94
10) 2-Chlorophenol	7.16	128	343587	18.603	ng/ul	94
11) 2-Methylphenol	8.03	108	322917	17.947	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.12	45	464291	14.382	ng/ul	96
14) Acetophenone	8.40	105	532985	18.250	ng/ul	96
15) N-Nitroso-di-n-propylamine	8.39	70	267292	17.110	ng/ul	89
16) 4-Methylphenol	8.35	108	349752	17.999	ng/ul	97
17) Hexachloroethane	8.65	117	140599	17.530	ng/ul	96
20) Nitrobenzene	8.77	77	380126	17.819	ng/ul	93
21) Isophorone	9.29	82	733473	17.365	ng/ul	98
23) 2-Nitrophenol	9.48	139	190118	21.350	ng/ul	95
24) 2,4-Dimethylphenol	9.54	107	391579	17.562	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.78	93	450542	16.974	ng/ul	100
27) 2,4-Dichlorophenol	10.00	162	336959	18.954	ng/ul	97
28) Naphthalene	10.40	128	1061986	18.139	ng/ul	99
30) 4-Chloroaniline	10.51	127	366913	19.392	ng/ul	98
31) Hexachlorobutadiene	10.69	225	229895	18.313	ng/ul	97
32) Caprolactam	11.26	113	111925	20.809	ng/ul	79
33) 4-Chloro-3-methylphenol	11.65	107	356174	17.793	ng/ul	93
34) 2-Methylnaphthalene	12.02	142	777761	18.143	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.39	216	439474	18.636 ng/ul	98
37) Hexachlorocyclopentadiene	12.38	237	362874	22.569 ng/ul	99
38) 2,4,6-Trichlorophenol	12.64	196	272975	19.197 ng/ul	97
39) 2,4,5-Trichlorophenol	12.72	196	290411	19.006 ng/ul	99
40) 1,1'-Biphenyl	13.05	154	1018131	17.932 ng/ul	99
41) 2-Chloronaphthalene	13.09	162	788730	18.063 ng/ul	96
42) 2-Nitroaniline	13.30	65	222049	19.172 ng/ul	86
44) Dimethylphthalate	13.69	163	972115	17.637 ng/ul	99
45) 2,6-Dinitrotoluene	13.80	165	202301	21.257 ng/ul#	86
47) Acenaphthylene	13.94	152	1219488	18.265 ng/ul	99
48) 3-Nitroaniline	14.13	138	183061	20.691 ng/ul#	89
49) Acenaphthene	14.29	153	826160	18.125 ng/ul	99
50) 2,4-Dinitrophenol	14.35	184	89348	19.273 ng/ul	87
52) 4-Nitrophenol	14.45	109	136303	17.193 ng/ul	85
53) Dibenzofuran	14.63	168	1188203	18.106 ng/ul	97
54) 2,4-Dinitrotoluene	14.60	165	289803	21.123 ng/ul	87
55) 2,3,4,6-Tetrachlorophenol	14.86	232	259072	20.380 ng/ul#	94
56) Diethylphthalate	15.07	149	951521	17.217 ng/ul	98
58) Fluorene	15.28	166	948648	18.525 ng/ul	97
59) 4-Chlorophenyl-phenylether	15.28	204	502518	18.499 ng/ul	96
60) 4-Nitroaniline	15.30	138	225287	20.425 ng/ul	90
63) 4,6-Dinitro-2-methylphenol	15.37	198	160840	19.323 ng/ul	95
64) N-Nitrosodiphenylamine	15.50	169	834802	17.541 ng/ul	99
65) 4-Bromophenyl-phenylether	16.18	248	313403	17.891 ng/ul	93
66) Hexachlorobenzene	16.29	284	347216	18.614 ng/ul	94
67) Atrazine	16.46	200	307708	17.368 ng/ul	98
68) Pentachlorophenol	16.63	266	209814	19.210 ng/ul	98
69) Phenanthrene	17.02	178	1527572	18.038 ng/ul	99
71) Anthracene	17.12	178	1565340	18.145 ng/ul	98
72) 1,2,3,4-Tetrachlorobenzene	13.01	216	449896	17.714 ng/uL	98
73) Pentachlorobenzene	14.55	250	413004	18.067 ng/uL	97
74) Carbazole	17.39	167	1387027	18.717 ng/ul	98
75) Di-n-butylphthalate	17.97	149	1603534	17.246 ng/ul	99
76) Fluoranthene	19.06	202	1790206	19.059 ng/ul	99
79) Pyrene	19.42	202	1836258	17.228 ng/ul	98
80) Butylbenzylphthalate	20.36	149	721678	17.102 ng/ul	93
81) 3,3'-Dichlorobenzidine	21.14	252	583151	17.632 ng/ul	99
82) Benzo(a)anthracene	21.20	228	1884011	18.295 ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.16	149	1023068	15.745 ng/ul	98
84) Chrysene	21.26	228	1769837	18.518 ng/ul	99
86) Di-n-octyl phthalate	22.05	149	1754504	15.268 ng/ul	100
87) Benzo(b)fluoranthene	22.77	252	1902961	18.042 ng/ul	98
88) Benzo(k)fluoranthene	22.82	252	1764394	17.516 ng/ul	99
90) Benzo(a)pyrene	23.33	252	1807367	18.231 ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.62	276	2114017	19.287 ng/ul	98
92) Dibenzo(a,h)anthracene	25.63	278	1759479	18.915 ng/ul	96
93) Benzo(g,h,i)perylene	26.28	276	1732648	19.118 ng/ul	97

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

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