Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN060319\
Data File : BN006040.D
Acq On : 03 Jun 2019 15:17
Operator : JU/SJ
Sample : SSTDICV020
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SICV94

Quant Time: Jun 03 16:26:57 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN060319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jun 03 14:55:48 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	429623	20.00	ng/ul	0.01
18) Naphthalene-d8	10.52	136	1963558	20.00	ng/ul	0.01
35) Acenaphthene-d10	14.39	164	1132079	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.14	188	2338001	20.00	ng/ul	0.00
77) Chrysene-d12	21.37	240	1616389	20.00	ng/ul	0.02
85) Perylene-d12	23.66	264	1682112	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.25	96	69369	7.51	ng/uL	0.00
5) Phenol-d5	6.91	99	707283	19.92	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.07	67	406262	20.24	ng/ul	0.01
9) 2-Chlorophenol-d4	7.27	132	553536	19.86	ng/ul	0.00
13) 4-Methylphenol-d8	8.44	113	565384	19.90	ng/ul	0.01
19) Nitrobenzene-d5	8.89	128	280054	19.75	ng/ul	0.00
22) 2-Nitrophenol-d4	9.61	143	309324	19.81	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.15	165	570762	20.02	ng/ul	0.01
29) 4-Chloroaniline-d4	10.66	131	733257	20.92	ng/ul	0.00
43) Dimethylphthalate-d6	13.79	166	1579388	19.72	ng/ul	0.00
46) Acenaphthylene-d8	14.08	160	2056086	19.95	ng/ul	0.00
51) 4-Nitrophenol-d4	14.59	143	288080	19.47	ng/ul	0.00
57) Fluorene-d10	15.38	176	1362993	20.09	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.52	200	216006	19.07	ng/ul	0.00
70) Anthracene-d10	17.24	188	1973689	20.14	ng/ul	0.00
78) Pyrene-d10	19.55	212	1818352	19.72	ng/ul	0.01
89) Benzo(a)pyrene-d12	23.52	264	1505013	20.14	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.29	88	73866	7.658	ng/uL	97
4) Benzaldehyde	6.88	77	474063	19.623	ng/ul	99
6) Phenol	6.93	94	732643	20.208	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.17	93	565138	20.175	ng/ul	99
10) 2-Chlorophenol	7.30	128	569702	20.013	ng/ul	99
11) 2-Methylphenol	8.18	108	555056	19.995	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.27	45	756498	20.189	ng/ul	99
14) Acetophenone	8.55	105	862790	20.525	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.54	70	443429	20.361	ng/ul	98
16) 4-Methylphenol	8.51	108	611227	20.301	ng/ul	97
17) Hexachloroethane	8.81	117	199204	18.863	ng/ul	98
20) Nitrobenzene	8.94	77	659474	19.851	ng/ul	98
21) Isophorone	9.45	82	1236263	19.593	ng/ul	99
23) 2-Nitrophenol	9.64	139	334167	20.270	ng/ul	98
24) 2,4-Dimethylphenol	9.70	107	664962	19.804	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.94	93	789261	19.766	ng/ul	100
27) 2,4-Dichlorophenol	10.17	162	553829	19.895	ng/ul	98
28) Naphthalene	10.58	128	1821956	19.723	ng/ul	100
30) 4-Chloroaniline	10.68	127	737122	21.006	ng/ul	100
31) Hexachlorobutadiene	10.86	225	326348	19.813	ng/ul	100
32) Caprolactam	11.45	113	197291	19.110	ng/ul	96
33) 4-Chloro-3-methylphenol	11.82	107	639038	20.199	ng/ul	98
34) 2-Methylnaphthalene	12.19	142	1326730	20.136	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.57	216	666893	19.951 ng/ul	98
37) Hexachlorocyclopentadiene	12.54	237	164024	15.452 ng/ul	99
38) 2,4,6-Trichlorophenol	12.81	196	436229	19.860 ng/ul	98
39) 2,4,5-Trichlorophenol	12.88	196	472423	20.188 ng/ul	99
40) 1,1'-Biphenyl	13.21	154	1711521	20.062 ng/ul	100
41) 2-Chloronaphthalene	13.25	162	1308623	19.846 ng/ul	99
42) 2-Nitroaniline	13.47	65	405180	20.177 ng/ul	97
44) Dimethylphthalate	13.84	163	1581689	19.952 ng/ul	99
45) 2,6-Dinitrotoluene	13.97	165	343269	20.563 ng/ul	99
47) Acenaphthylene	14.11	152	2007986	19.834 ng/ul	99
48) 3-Nitroaniline	14.29	138	351897	20.602 ng/ul	99
49) Acenaphthene	14.45	153	1360098	19.940 ng/ul	99
50) 2,4-Dinitrophenol	14.51	184	132034	17.420 ng/ul	97
52) 4-Nitrophenol	14.61	109	222486	19.894 ng/ul	96
53) Dibenzofuran	14.79	168	1932624	19.953 ng/ul	100
54) 2,4-Dinitrotoluene	14.76	165	468574	20.285 ng/ul	97
55) 2,3,4,6-Tetrachlorophenol	15.02	232	382769	20.125 ng/ul	97
56) Diethylphthalate	15.22	149	1559503	19.836 ng/ul	99
58) Fluorene	15.44	166	1503246	20.087 ng/ul	100
59) 4-Chlorophenyl-phenylether	15.44	204	744678	20.133 ng/ul	98
60) 4-Nitroaniline	15.46	138	388238	19.816 ng/ul	99
63) 4,6-Dinitro-2-methylphenol	15.53	198	224408	19.384 ng/ul	97
64) N-Nitrosodiphenylamine	15.65	169	1359913	20.420 ng/ul	99
65) 4-Bromophenyl-phenylether	16.33	248	472477	20.146 ng/ul	99
66) Hexachlorobenzene	16.45	284	494184	19.802 ng/ul	100
67) Atrazine	16.61	200	464784	20.240 ng/ul	99
68) Pentachlorophenol	16.79	266	252844	18.410 ng/ul	99
69) Phenanthrene	17.18	178	2293746	20.217 ng/ul	100
71) Anthracene	17.28	178	2333042	20.250 ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.18	216	675602	19.727 ng/uL	99
73) Pentachlorobenzene	14.71	250	608593	19.909 ng/uL	99
74) Carbazole	17.55	167	2092015	21.109 ng/ul	100
75) Di-n-butylphthalate	18.12	149	2550929	20.095 ng/ul	100
76) Fluoranthene	19.21	202	2327897	21.084 ng/ul	98
79) Pyrene	19.58	202	2291784	19.672 ng/ul	99
80) Butylbenzylphthalate	20.49	149	1031477	19.566 ng/ul	98
81) 3,3'-Dichlorobenzidine	21.29	252	708344	22.989 ng/ul	99
82) Benzo(a)anthracene	21.35	228	1994506	19.970 ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.28	149	1542612	21.292 ng/ul	98
84) Chrysene	21.41	228	1868751	19.776 ng/ul	99
86) Di-n-octyl phthalate	22.19	149	2435841	21.155 ng/ul	100
87) Benzo(b)fluoranthene	22.98	252	1856783	20.013 ng/ul	99
88) Benzo(k)fluoranthene	23.02	252	1811004	20.144 ng/ul	100
90) Benzo(a)pyrene	23.56	252	1776214	20.135 ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.98	276	2095167	20.631 ng/ul	99
92) Dibenzo(a,h)anthracene	25.98	278	1737860	20.297 ng/ul	99
93) Benzo(g,h,i)perylene	26.68	276	1867447	22.340 ng/ul	99

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

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