Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042319\
Data File : BN005244.D
Acq On : 24 Apr 2019 08:53
Operator : JU/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTD02071

Quant Time: Apr 24 10:01:57 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Apr 23 03:50:45 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	399046	20.00	ng/ul	0.00
18) Naphthalene-d8	10.36	136	1623665	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.23	164	924960	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.99	188	1981074	20.00	ng/ul	0.00
77) Chrysene-d12	21.22	240	1715064	20.00	ng/ul	0.00
85) Perylene-d12	23.42	264	1834819	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.22	96	61009	7.38	ng/uL	0.00
5) Phenol-d5	6.78	99	599888	19.14	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.95	67	356933	18.26	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	482327	20.11	ng/ul	0.00
13) 4-Methylphenol-d8	8.30	113	468922	19.14	ng/ul	0.00
19) Nitrobenzene-d5	8.74	128	222639	22.28	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	236972	23.39	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.98	165	478974	20.63	ng/ul	0.00
29) 4-Chloroaniline-d4	10.49	131	482893	20.16	ng/ul	0.00
43) Dimethylphthalate-d6	13.65	166	1341312	19.98	ng/ul	0.00
46) Acenaphthylene-d8	13.92	160	1686080	20.45	ng/ul	0.00
51) 4-Nitrophenol-d4	14.43	143	215648	20.34	ng/ul	0.00
57) Fluorene-d10	15.23	176	1124969	19.96	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.35	200	139272	15.63	ng/ul	0.00
70) Anthracene-d10	17.08	188	1671205	20.12	ng/ul	0.00
78) Pyrene-d10	19.39	212	1762802	20.09	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.27	264	1632137	20.35	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.25	88	62641	7.047	ng/uL	90
4) Benzaldehyde	6.75	77	426269	19.193	ng/ul	96
6) Phenol	6.80	94	614993	19.077	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.03	93	484571	18.773	ng/ul	96
10) 2-Chlorophenol	7.17	128	490015	19.761	ng/ul	98
11) 2-Methylphenol	8.03	108	463440	19.185	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.12	45	760756	17.553	ng/ul	100
14) Acetophenone	8.40	105	755716	19.274	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.40	70	378388	18.041	ng/ul	95
16) 4-Methylphenol	8.36	108	498617	19.113	ng/ul	95
17) Hexachloroethane	8.66	117	203090	18.861	ng/ul	96
20) Nitrobenzene	8.78	77	557724	20.279	ng/ul	97
21) Isophorone	9.30	82	1059108	19.449	ng/ul	99
23) 2-Nitrophenol	9.48	139	258380	22.506	ng/ul	98
24) 2,4-Dimethylphenol	9.55	107	565892	19.686	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.79	93	655322	19.150	ng/ul	99
27) 2,4-Dichlorophenol	10.01	162	467156	20.383	ng/ul	99
28) Naphthalene	10.41	128	1507668	19.974	ng/ul	98
30) 4-Chloroaniline	10.52	127	489942	20.085	ng/ul	97
31) Hexachlorobutadiene	10.70	225	340376	21.030	ng/ul	98
32) Caprolactam	11.27	113	144320	20.812	ng/ul	91
33) 4-Chloro-3-methylphenol	11.65	107	510017	19.763	ng/ul	99
34) 2-Methylnaphthalene	12.03	142	1083531	19.605	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.40	216	604875	21.131	ng/ul	99
37) Hexachlorocyclopentadiene	12.39	237	330214	16.920	ng/ul	98
38) 2,4,6-Trichlorophenol	12.65	196	370731	21.478	ng/ul	97
39) 2,4,5-Trichlorophenol	12.72	196	393929	21.238	ng/ul	100
40) 1,1'-Biphenyl	13.06	154	1373804	19.934	ng/ul	100
41) 2-Chloronaphthalene	13.09	162	1068922	20.167	ng/ul	99
42) 2-Nitroaniline	13.30	65	310808	22.108	ng/ul	95
44) Dimethylphthalate	13.70	163	1323606	19.784	ng/ul	99
45) 2,6-Dinitrotoluene	13.81	165	262440	22.718	ng/ul	91
47) Acenaphthylene	13.95	152	1634006	20.162	ng/ul	99
48) 3-Nitroaniline	14.14	138	238953	22.250	ng/ul	94
49) Acenaphthene	14.29	153	1102114	19.919	ng/ul	99
50) 2,4-Dinitrophenol	14.35	184	103991	18.480	ng/ul	95
52) 4-Nitrophenol	14.45	109	184057	19.126	ng/ul	92
53) Dibenzofuran	14.63	168	1600572	20.092	ng/ul	97
54) 2,4-Dinitrotoluene	14.60	165	361803	21.725	ng/ul	93
55) 2,3,4,6-Tetrachlorophenol	14.86	232	331127	21.460	ng/ul	95
56) Diethylphthalate	15.07	149	1350656	20.133	ng/ul	100
58) Fluorene	15.29	166	1243893	20.011	ng/ul	96
59) 4-Chlorophenyl-phenylether	15.29	204	663717	20.128	ng/ul	99
60) 4-Nitroaniline	15.30	138	283072	21.142	ng/ul	96
63) 4,6-Dinitro-2-methylphenol	15.37	198	147561	15.560	ng/ul	96
64) N-Nitrosodiphenylamine	15.50	169	1106950	20.416	ng/ul	99
65) 4-Bromophenyl-phenylether	16.19	248	414220	20.755	ng/ul	96
66) Hexachlorobenzene	16.29	284	441480	20.774	ng/ul	94
67) Atrazine	16.46	200	417973	20.706	ng/ul	98
68) Pentachlorophenol	16.63	266	246910	19.842	ng/ul	98
69) Phenanthrene	17.03	178	1932516	20.030	ng/ul	100
71) Anthracene	17.12	178	1989291	20.240	ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.02	216	610093	21.084	ng/uL	97
73) Pentachlorobenzene	14.55	250	540539	20.755	ng/uL	99
74) Carbazole	17.39	167	1727872	20.465	ng/ul	99
75) Di-n-butylphthalate	17.97	149	2280324	21.526	ng/ul	100
76) Fluoranthene	19.06	202	2193696	20.499	ng/ul	100
79) Pyrene	19.42	202	2179910	19.741	ng/ul	98
80) Butylbenzylphthalate	20.36	149	996771	22.799	ng/ul	99
81) 3,3'-Dichlorobenzidine	21.14	252	700108	20.431	ng/ul	99
82) Benzo(a)anthracene	21.20	228	2108678	19.764	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.16	149	1495682	22.217	ng/ul	99
84) Chrysene	21.25	228	1980260	19.998	ng/ul	100
86) Di-n-octyl phthalate	22.04	149	2483468	22.099	ng/ul	100
87) Benzo(b)fluoranthene	22.76	252	2095378	20.316	ng/ul	99
88) Benzo(k)fluoranthene	22.81	252	1914005	19.431	ng/ul	99
90) Benzo(a)pyrene	23.32	252	1934874	19.958	ng/ul	98
91) Indeno(1,2,3-cd)pyrene	25.60	276	2241746	20.915	ng/ul	99
92) Dibenzo(a,h)anthracene	25.61	278	1890836	20.787	ng/ul	96
93) Benzo(g,h,i)perylene	26.26	276	1853499	20.913	ng/ul	99

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

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