Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111319\
Data File : BN008553.D
Acq On : 14 Nov 2019 11:22
Operator : JU
Sample : SSTDCCC020
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTD02061

Quant Time: Nov 14 12:01:47 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN111319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 14 10:03:48 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	321437	20.00	ng/ul	0.00
18) Naphthalene-d8	10.40	136	1395108	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.26	164	897067	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.00	188	1863574	20.00	ng/ul	0.00
77) Chrysene-d12	21.20	240	1629996	20.00	ng/ul	0.00
85) Perylene-d12	23.38	264	1807814	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.22	96	48271	6.09	ng/uL	0.00
5) Phenol-d5	6.82	99	522588	18.54	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	6.98	67	307746	17.82	ng/ul	0.00
9) 2-Chlorophenol-d4	7.18	132	401385	18.53	ng/ul	0.00
13) 4-Methylphenol-d8	8.35	113	417345	19.04	ng/ul	0.01
19) Nitrobenzene-d5	8.78	128	195495	20.56	ng/ul	0.00
22) 2-Nitrophenol-d4	9.49	143	216920	24.31	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.03	165	436364	19.16	ng/ul	0.00
29) 4-Chloroaniline-d4	10.53	131	515655	19.33	ng/ul	0.00
43) Dimethylphthalate-d6	13.68	166	1221539	17.20	ng/ul	0.00
46) Acenaphthylene-d8	13.95	160	1454312	17.95	ng/ul	0.00
51) 4-Nitrophenol-d4	14.46	143	224153	20.37	ng/ul	0.01
57) Fluorene-d10	15.26	176	1032009	17.50	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.37	200	164809	23.17	ng/ul	0.00
70) Anthracene-d10	17.10	188	1597559	18.09	ng/ul	0.00
78) Pyrene-d10	19.40	212	1719509	18.47	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.24	264	1675230	17.84	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.25	88	48417	6.048	ng/uL	96
4) Benzaldehyde	6.79	77	247383	15.316	ng/ul	98
6) Phenol	6.85	94	554904	19.058	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.08	93	414354	18.552	ng/ul	95
10) 2-Chlorophenol	7.21	128	426223	19.203	ng/ul	99
11) 2-Methylphenol	8.08	108	422738	19.360	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.18	45	659848	17.920	ng/ul	97
14) Acetophenone	8.45	105	696473	19.703	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.44	70	350988	18.968	ng/ul	97
16) 4-Methylphenol	8.40	108	458114	19.421	ng/ul	93
17) Hexachloroethane	8.71	117	174910	18.409	ng/ul	93
20) Nitrobenzene	8.82	77	519988	19.889	ng/ul	96
21) Isophorone	9.35	82	991821	17.970	ng/ul	99
23) 2-Nitrophenol	9.52	139	244949	24.311	ng/ul	95
24) 2,4-Dimethylphenol	9.60	107	532115	18.531	ng/ul	96
25) Bis(2-Chloroethoxy)methane	9.83	93	581207	18.057	ng/ul	98
27) 2,4-Dichlorophenol	10.06	162	440599	19.918	ng/ul	97
28) Naphthalene	10.45	128	1369738	18.661	ng/ul	99
30) 4-Chloroaniline	10.56	127	542262	19.870	ng/ul	98
31) Hexachlorobutadiene	10.75	225	283439	18.973	ng/ul	95
32) Caprolactam	11.32	113	143947	19.564	ng/ul	98
33) 4-Chloro-3-methylphenol	11.69	107	491110	18.676	ng/ul	95
34) 2-Methylnaphthalene	12.07	142	1004673	18.636	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.45	216	527903	19.301 ng/ul	98
37) Hexachlorocyclopentadiene	12.43	237	305789	18.848 ng/ul	95
38) 2,4,6-Trichlorophenol	12.69	196	349267	20.781 ng/ul	97
39) 2,4,5-Trichlorophenol	12.76	196	377299	21.004 ng/ul	96
40) 1,1'-Biphenyl	13.09	154	1311902	18.984 ng/ul	99
41) 2-Chloronaphthalene	13.13	162	1005013	18.962 ng/ul	99
42) 2-Nitroaniline	13.33	65	334040	23.451 ng/ul	97
44) Dimethylphthalate	13.73	163	1255662	18.265 ng/ul	100
45) 2,6-Dinitrotoluene	13.83	165	248396	24.016 ng/ul	90
47) Acenaphthylene	13.98	152	1515001	18.530 ng/ul	99
48) 3-Nitroaniline	14.16	138	245918	22.815 ng/ul#	94
49) Acenaphthene	14.33	153	1057366	18.776 ng/ul	99
50) 2,4-Dinitrophenol	14.37	184	130516	27.483 ng/ul	92
52) 4-Nitrophenol	14.48	109	216865	20.070 ng/ul	98
53) Dibenzofuran	14.66	168	1498194	18.410 ng/ul	96
54) 2,4-Dinitrotoluene	14.62	165	357152	23.422 ng/ul	99
55) 2,3,4,6-Tetrachlorophenol	14.89	232	315878	21.332 ng/ul	99
56) Diethylphthalate	15.10	149	1293380	18.290 ng/ul	100
58) Fluorene	15.32	166	1197915	18.616 ng/ul	99
59) 4-Chlorophenyl-phenylether	15.32	204	612052	19.110 ng/ul	100
60) 4-Nitroaniline	15.32	138	270405	21.043 ng/ul	93
63) 4,6-Dinitro-2-methylphenol	15.39	198	188233	23.686 ng/ul#	99
64) N-Nitrosodiphenylamine	15.53	169	1069333	19.160 ng/ul	99
65) 4-Bromophenyl-phenylether	16.21	248	381988	19.819 ng/ul	98
66) Hexachlorobenzene	16.32	284	411754	20.200 ng/ul	95
67) Atrazine	16.49	200	400132	19.669 ng/ul	100
68) Pentachlorophenol	16.66	266	252120	21.607 ng/ul	99
69) Phenanthrene	17.05	178	1905640	18.878 ng/ul	100
71) Anthracene	17.14	178	1942905	18.836 ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.06	216	523404	20.288 ng/uL	97
73) Pentachlorobenzene	14.59	250	507209	20.127 ng/uL	98
74) Carbazole	17.40	167	1780606	19.318 ng/ul	99
75) Di-n-butylphthalate	18.00	149	2226139	19.277 ng/ul	99
76) Fluoranthene	19.07	202	2224806	19.186 ng/ul	98
79) Pyrene	19.43	202	2233824	19.147 ng/ul	97
80) Butylbenzylphthalate	20.36	149	1012311	23.478 ng/ul	99
81) 3,3'-Dichlorobenzidine	21.12	252	691253	18.179 ng/ul	92
82) Benzo(a)anthracene	21.19	228	2138302	18.658 ng/ul	98
83) Bis(2-ethylhexyl)phthalate	21.15	149	1431707	20.254 ng/ul	100
84) Chrysene	21.24	228	1944333	18.115 ng/ul	98
86) Di-n-octyl phthalate	22.02	149	2427183	20.662 ng/ul	100
87) Benzo(b)fluoranthene	22.74	252	2031358	18.005 ng/ul	98
88) Benzo(k)fluoranthene	22.78	252	1953849	18.396 ng/ul	100
90) Benzo(a)pyrene	23.29	252	1951707	18.191 ng/ul	98
91) Indeno(1,2,3-cd)pyrene	25.55	276	2276922	18.535 ng/ul	97
92) Dibenzo(a,h)anthracene	25.56	278	1927690	18.684 ng/ul	95
93) Benzo(g,h,i)perylene	26.20	276	1942310	18.841 ng/ul	98

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

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