Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN040320\
Data File : BN010402.D
Acq On : 03 Apr 2020 08:52
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTD02065

Quant Time: Apr 03 10:36:16 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN040120MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Apr 01 17:35:00 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	496221	20.00	ng/ul	0.00
18) Naphthalene-d8	10.37	136	2225179	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.23	164	1525638	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.98	188	3474906	20.00	ng/ul	0.00
78) Chrysene-d12	21.19	240	3583084	20.00	ng/ul	0.00
86) Perylene-d12	23.36	264	4223120	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.21	96	72354	6.90	ng/uL	0.00
5) Phenol-d5	6.79	99	798910	19.30	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.95	67	467604	21.56	ng/ul	0.00
9) 2-Chlorophenol-d4	7.15	132	666719	20.29	ng/ul	0.00
13) 4-Methylphenol-d8	8.31	113	675041	19.30	ng/ul	0.00
19) Nitrobenzene-d5	8.75	128	337024	20.40	ng/ul	0.00
22) 2-Nitrophenol-d4	9.46	143	347970	19.89	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	752927	20.76	ng/ul	0.00
29) 4-Chloroaniline-d4	10.50	131	1015319	23.68	ng/ul	0.00
44) Dimethylphthalate-d6	13.65	166	2426407	21.08	ng/ul	0.00
47) Acenaphthylene-d8	13.92	160	2767991	20.58	ng/ul	0.00
52) 4-Nitrophenol-d4	14.43	143	448101	20.73	ng/ul	0.00
58) Fluorene-d10	15.23	176	2048433	20.42	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.35	200	350770	17.63	ng/ul	0.00
71) Anthracene-d10	17.08	188	3241782	20.32	ng/ul	0.00
79) Pyrene-d10	19.38	212	3794940	20.55	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.22	264	4289430	20.42	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.24	88	76012	6.853	ng/uL#	93
4) Benzaldehyde	6.76	77	537853	25.432	ng/ul	98
6) Phenol	6.82	94	832207	19.211	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.04	93	654150	19.535	ng/ul	97
10) 2-Chlorophenol	7.18	128	690653	20.290	ng/ul	98
11) 2-Methylphenol	8.05	108	636083	18.896	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.14	45	430508	18.766	ng/ul	97
14) Acetophenone	8.42	105	1085422	20.419	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.41	70	519817	20.035	ng/ul	99
16) 4-Methylphenol	8.37	108	712701	19.363	ng/ul	87
17) Hexachloroethane	8.68	117	270209	19.592	ng/ul	95
20) Nitrobenzene	8.79	77	783095	19.503	ng/ul	96
21) Isophorone	9.31	82	1451310	18.901	ng/ul	98
23) 2-Nitrophenol	9.49	139	398479	19.941	ng/ul	98
24) 2,4-Dimethylphenol	9.56	107	825225	20.196	ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.79	93	921323	19.101	ng/ul	99
27) 2,4-Dichlorophenol	10.02	162	757005	20.669	ng/ul	98
28) Naphthalene	10.42	128	2342867	19.572	ng/ul	98
30) 4-Chloroaniline	10.52	127	1035833	24.060	ng/ul	97
31) Hexachlorobutadiene	10.72	225	481539	19.774	ng/ul	98
32) Caprolactam	11.28	113	226611	18.543	ng/ul	95
33) 4-Chloro-3-methylphenol	11.66	107	793830	20.554	ng/ul	97
34) 2-Methylnaphthalene	12.03	142	1758924	20.225	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.26	142	1689796	19.584 ng/uL	98
37) 1,2,4,5-Tetrachlorobenzene	12.41	216	956226	19.876 ng/ul	98
38) Hexachlorocyclopentadiene	12.40	237	560769	17.673 ng/ul	99
39) 2,4,6-Trichlorophenol	12.65	196	635396	20.676 ng/ul	99
40) 2,4,5-Trichlorophenol	12.72	196	682980	20.673 ng/ul	96
41) 1,1'-Biphenyl	13.06	154	2339282	20.150 ng/ul	98
42) 2-Chloronaphthalene	13.10	162	1840420	19.951 ng/ul	100
43) 2-Nitroaniline	13.30	65	443097	21.389 ng/ul	97
45) Dimethylphthalate	13.70	163	2337151	19.661 ng/ul	99
46) 2,6-Dinitrotoluene	13.80	165	517056	22.129 ng/ul	99
48) Acenaphthylene	13.95	152	2957683	20.444 ng/ul	99
49) 3-Nitroaniline	14.13	138	522295	23.950 ng/ul	92
50) Acenaphthene	14.30	153	1953188	19.598 ng/ul	98
51) 2,4-Dinitrophenol	14.34	184	199329	14.804 ng/ul	98
53) 4-Nitrophenol	14.45	109	360690	20.868 ng/ul	99
54) Dibenzofuran	14.63	168	2880326	20.519 ng/ul	100
55) 2,4-Dinitrotoluene	14.60	165	692847	20.206 ng/ul	98
56) 2,3,4,6-Tetrachlorophenol	14.86	232	632736	21.942 ng/ul	99
57) Diethylphthalate	15.07	149	2314341	19.652 ng/ul	99
59) Fluorene	15.29	166	2300982	20.141 ng/ul	98
60) 4-Chlorophenyl-phenylether	15.29	204	1162883	19.607 ng/ul	94
61) 4-Nitroaniline	15.30	138	587568	23.884 ng/ul	96
64) 4,6-Dinitro-2-methylphenol	15.36	198	395103	18.095 ng/ul	98
65) N-Nitrosodiphenylamine	15.50	169	2082668	20.601 ng/ul	99
66) 4-Bromophenyl-phenylether	16.18	248	727837	19.913 ng/ul	95
67) Hexachlorobenzene	16.29	284	806574	19.439 ng/ul	97
68) Atrazine	16.46	200	697839	17.590 ng/ul	96
69) Pentachlorophenol	16.64	266	485491	19.134 ng/ul	92
70) Phenanthrene	17.02	178	3857314	20.033 ng/ul	98
72) Anthracene	17.11	178	3905520	20.281 ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	13.02	216	989246	18.749 ng/uL	98
74) Pentachlorobenzene	14.56	250	940912	18.139 ng/uL	97
75) Carbazole	17.38	167	3565930	22.268 ng/ul	100
76) Di-n-butylphthalate	17.97	149	3954701	19.871 ng/ul	100
77) Fluoranthene	19.05	202	4724858	23.042 ng/ul	98
80) Pyrene	19.41	202	4877734	20.359 ng/ul	98
81) Butylbenzylphthalate	20.33	149	1852394	19.387 ng/ul	95
82) 3,3'-Dichlorobenzidine	21.10	252	1760908	21.607 ng/ul	95
83) Benzo(a)anthracene	21.17	228	4924354	20.456 ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.13	149	2801540	19.814 ng/ul	100
85) Chrysene	21.22	228	4738992	20.643 ng/ul	97
87) Di-n-octyl phthalate	21.99	149	4823690	23.251 ng/ul	100
88) Benzo(b)fluoranthene	22.72	252	5177797	20.247 ng/ul	97
89) Benzo(k)fluoranthene	22.76	252	5130397	20.651 ng/ul	98
91) Benzo(a)pyrene	23.26	252	5006608	20.911 ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.50	276	6021401	19.488 ng/ul	97
93) Dibenzo(a,h)anthracene	25.52	278	5033619	19.724 ng/ul	99
94) Benzo(g,h,i)perylene	26.16	276	4876640	18.732 ng/ul	98

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

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