Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071719\
Data File : BM021524.D
Acq On : 18 Jul 2019 15:27
Operator : HP/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02046

Quant Time: Jul 18 17:07:26 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM070819MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 18 02:48:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	199403	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.50	136	794854	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.36	164	448730	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.12	188	965277	20.00	ng/ul	0.00
77) Chrysene-d12	21.31	240	932865	20.00	ng/ul	0.00
85) Perylene-d12	23.56	264	1047081	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.26	96	30669	7.58	ng/uL	0.00
5) Phenol-d5	6.90	99	305005	19.67	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.06	67	177230	19.28	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	260347	19.51	ng/ul	0.00
13) 4-Methylphenol-d8	8.43	113	248322	20.11	ng/ul	0.00
19) Nitrobenzene-d5	8.88	128	123518	18.87	ng/ul	0.00
22) 2-Nitrophenol-d4	9.60	143	138445	18.70	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.13	165	280702	19.01	ng/ul	0.00
29) 4-Chloroaniline-d4	10.66	131	307221	23.01	ng/ul	0.00
43) Dimethylphthalate-d6	13.78	166	733563	18.67	ng/ul	0.00
46) Acenaphthylene-d8	14.06	160	967704	19.61	ng/ul	0.00
51) 4-Nitrophenol-d4	14.59	143	102709	16.49	ng/ul	0.00
57) Fluorene-d10	15.36	176	640699	18.27	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.50	200	110510	17.03	ng/ul	0.00
70) Anthracene-d10	17.22	188	958655	19.12	ng/ul	0.00
78) Pyrene-d10	19.52	212	1019881	19.92	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.42	264	1096619	18.21	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.29	88	29789	7.002	ng/uL	94
4) Benzaldehyde	6.88	77	213082	25.456	ng/ul	96
6) Phenol	6.92	94	305225	20.567	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.16	93	238528	20.788	ng/ul	99
10) 2-Chlorophenol	7.29	128	262070	20.434	ng/ul	99
11) 2-Methylphenol	8.16	108	236544	20.918	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.25	45	307181	21.955	ng/ul	98
14) Acetophenone	8.55	105	394267	21.196	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.53	70	195134	20.921	ng/ul	94
16) 4-Methylphenol	8.49	108	254131	21.197	ng/ul	97
17) Hexachloroethane	8.78	117	117432	20.940	ng/ul	96
20) Nitrobenzene	8.93	77	302820	20.649	ng/ul	98
21) Isophorone	9.45	82	539174	20.743	ng/ul	98
23) 2-Nitrophenol	9.63	139	149202	20.237	ng/ul	99
24) 2,4-Dimethylphenol	9.69	107	294637	20.540	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.93	93	334731	20.646	ng/ul	99
27) 2,4-Dichlorophenol	10.16	162	269464	19.950	ng/ul	99
28) Naphthalene	10.55	128	844622	20.418	ng/ul	100
30) 4-Chloroaniline	10.68	127	305908	23.973	ng/ul	100
31) Hexachlorobutadiene	10.82	225	198734	19.909	ng/ul	98
32) Caprolactam	11.48	113	79123	22.447	ng/ul	100
33) 4-Chloro-3-methylphenol	11.80	107	253814	20.188	ng/ul	98
34) 2-Methylnaphthalene	12.17	142	609036	19.974	ng/ul	99

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Quant Title : SVOA CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.54	216	363352	20.821 ng/ul	99
37) Hexachlorocyclopentadiene	12.50	237	174536	19.659 ng/ul	98
38) 2,4,6-Trichlorophenol	12.79	196	216245	20.821 ng/ul	95
39) 2,4,5-Trichlorophenol	12.86	196	226102	20.540 ng/ul	96
40) 1,1'-Biphenyl	13.19	154	778524	20.729 ng/ul	99
41) 2-Chloronaphthalene	13.23	162	628126	20.869 ng/ul	99
42) 2-Nitroaniline	13.46	65	134850	20.504 ng/ul	94
44) Dimethylphthalate	13.83	163	730215	19.954 ng/ul	99
45) 2,6-Dinitrotoluene	13.96	165	131692	19.762 ng/ul	99
47) Acenaphthylene	14.09	152	879532	20.488 ng/ul	100
48) 3-Nitroaniline	14.29	138	116380	19.414 ng/ul	97
49) Acenaphthene	14.43	153	640678	20.538 ng/ul	99
50) 2,4-Dinitrophenol	14.50	184	70195	17.515 ng/ul	97
52) 4-Nitrophenol	14.60	109	85559	18.443 ng/ul	97
53) Dibenzofuran	14.76	168	903858	20.002 ng/ul	98
54) 2,4-Dinitrotoluene	14.75	165	200661	19.632 ng/ul	95
55) 2,3,4,6-Tetrachlorophenol	14.99	232	194590	19.834 ng/ul	97
56) Diethylphthalate	15.19	149	692861	19.720 ng/ul	99
58) Fluorene	15.42	166	726469	19.871 ng/ul	100
59) 4-Chlorophenyl-phenylether	15.41	204	406100	19.876 ng/ul	100
60) 4-Nitroaniline	15.46	138	113028	18.363 ng/ul	99
63) 4,6-Dinitro-2-methylphenol	15.51	198	114777	17.780 ng/ul	99
64) N-Nitrosodiphenylamine	15.63	169	601102	20.933 ng/ul	99
65) 4-Bromophenyl-phenylether	16.31	248	249497	20.891 ng/ul	98
66) Hexachlorobenzene	16.42	284	289824	20.412 ng/ul	98
67) Atrazine	16.59	200	253468	23.893 ng/ul	100
68) Pentachlorophenol	16.77	266	149885	20.026 ng/ul	98
69) Phenanthrene	17.16	178	1099129	20.194 ng/ul	100
71) Anthracene	17.25	178	1121185	20.239 ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.15	216	351349	22.204 ng/uL	100
73) Pentachlorobenzene	14.67	250	360968	22.144 ng/uL	100
74) Carbazole	17.53	167	917921	19.963 ng/ul	99
75) Di-n-butylphthalate	18.08	149	1068581	20.285 ng/ul	100
76) Fluoranthene	19.18	202	1251871	19.370 ng/ul	99
79) Pyrene	19.54	202	1282517	20.773 ng/ul	99
80) Butylbenzylphthalate	20.44	149	452421	20.687 ng/ul	99
81) 3,3'-Dichlorobenzidine	21.23	252	400058	19.288 ng/ul	99
82) Benzo(a)anthracene	21.29	228	1316413	20.606 ng/ul	100
83) Bis(2-ethylhexyl)phthalate	21.22	149	673491	20.936 ng/ul	99
84) Chrysene	21.34	228	1229151	20.466 ng/ul	99
86) Di-n-octyl phthalate	22.10	149	1151284	20.354 ng/ul	100
87) Benzo(b)fluoranthene	22.89	252	1354175	20.753 ng/ul	100
88) Benzo(k)fluoranthene	22.93	252	1320141	20.312 ng/ul	99
90) Benzo(a)pyrene	23.47	252	1296151	20.566 ng/ul	100
91) Indeno(1,2,3-cd)pyrene	25.84	276	1628657	20.920 ng/ul	99
92) Dibenzo(a,h)anthracene	25.84	278	1362615	20.820 ng/ul	99
93) Benzo(g,h,i)perylene	26.53	276	1342889	20.908 ng/ul	99

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

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