Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101018\
Data File : BM017101.D
Acq On : 10 Oct 2018 17:32
Operator : MJ/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02060

Quant Time: Oct 11 04:15:42 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM100418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 11 04:10:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	255052	20.00	ng/ul	0.00
18) Naphthalene-d8	10.47	136	1171356	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.33	164	648035	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.08	188	1317947	20.00	ng/ul	0.00
78) Chrysene-d12	21.27	240	1097169	20.00	ng/ul	0.00
86) Perylene-d12	23.49	264	1104259	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.25	96	27794	5.42	ng/uL	0.00
5) Phenol-d5	6.87	99	405930	19.04	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.03	67	241980	18.72	ng/ul	0.00
9) 2-Chlorophenol-d4	7.23	132	352392	19.88	ng/ul	0.00
13) 4-Methylphenol-d8	8.40	113	349991	20.95	ng/ul	0.00
19) Nitrobenzene-d5	8.85	128	176145	20.58	ng/ul	0.00
22) 2-Nitrophenol-d4	9.56	143	183328	21.05	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.09	165	374260	20.88	ng/ul	0.00
29) 4-Chloroaniline-d4	10.61	131	467185	21.70	ng/ul	0.00
44) Dimethylphthalate-d6	13.75	166	1026951	19.97	ng/ul	0.00
47) Acenaphthylene-d8	14.02	160	1361131	20.71	ng/ul	0.00
52) 4-Nitrophenol-d4	14.54	143	165761	17.06	ng/ul	0.00
58) Fluorene-d10	15.33	176	901043	19.68	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.46	200	128425	16.52	ng/ul	0.00
71) Anthracene-d10	17.18	188	1278225	20.31	ng/ul	0.00
79) Pyrene-d10	19.48	212	1201801	24.28	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.35	264	1149504	20.33	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.28	88	30581	5.672	ng/uL	98
4) Benzaldehyde	6.85	77	261397	19.750	ng/ul	91
6) Phenol	6.90	94	403141	18.900	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.13	93	317739	19.241	ng/ul	97
10) 2-Chlorophenol	7.26	128	350367	19.851	ng/ul	97
11) 2-Methylphenol	8.13	108	330452	20.575	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.22	45	448229	18.871	ng/ul	98
14) Acetophenone	8.51	105	552893	20.825	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.50	70	253922	20.548	ng/ul	97
16) 4-Methylphenol	8.46	108	357027	20.749	ng/ul	99
17) Hexachloroethane	8.76	117	144457	20.035	ng/ul	98
20) Nitrobenzene	8.89	77	394332	19.487	ng/ul	99
21) Isophorone	9.41	82	744894	20.285	ng/ul	98
23) 2-Nitrophenol	9.59	139	204083	20.739	ng/ul	99
24) 2,4-Dimethylphenol	9.66	107	402665	20.172	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.89	93	469692	19.925	ng/ul	98
27) 2,4-Dichlorophenol	10.12	162	358221	20.576	ng/ul	99
28) Naphthalene	10.52	128	1194228	19.843	ng/ul	100
30) 4-Chloroaniline	10.63	127	473588	21.703	ng/ul	100
31) Hexachlorobutadiene	10.80	225	237636	20.075	ng/ul	98
32) Caprolactam	11.42	113	100336	18.907	ng/ul	95
33) 4-Chloro-3-methylphenol	11.76	107	368158	20.582	ng/ul	99
34) 2-Methylnaphthalene	12.14	142	862278	20.288	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)
35) 1-Methylnaphthalene	12.36	142	833922	20.153 ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.51	216	463925	20.849 ng/ul	98
38) Hexachlorocyclopentadiene	12.49	237	261261	18.310 ng/ul	100
39) 2,4,6-Trichlorophenol	12.76	196	287099	21.379 ng/ul	97
40) 2,4,5-Trichlorophenol	12.83	196	298739	20.724 ng/ul	98
41) 1,1'-Biphenyl	13.16	154	1090845	20.418 ng/ul	99
42) 2-Chloronaphthalene	13.20	162	870335	20.680 ng/ul	99
43) 2-Nitroaniline	13.42	65	173591	18.900 ng/ul	96
45) Dimethylphthalate	13.80	163	1010119	19.841 ng/ul	100
46) 2,6-Dinitrotoluene	13.92	165	176248	20.562 ng/ul	99
48) Acenaphthylene	14.05	152	1282949	20.383 ng/ul	100
49) 3-Nitroaniline	14.24	138	183372	19.235 ng/ul	100
50) Acenaphthene	14.40	153	906057	20.257 ng/ul	99
51) 2,4-Dinitrophenol	14.45	184	74798	13.527 ng/ul	97
53) 4-Nitrophenol	14.56	109	117514	16.660 ng/ul	97
54) Dibenzofuran	14.73	168	1260388	19.957 ng/ul	97
55) 2,4-Dinitrotoluene	14.70	165	272824	19.672 ng/ul	98
56) 2,3,4,6-Tetrachlorophenol	14.96	232	259012	20.028 ng/ul	97
57) Diethylphthalate	15.17	149	950215	19.083 ng/ul	99
59) Fluorene	15.39	166	1001795	19.455 ng/ul	98
60) 4-Chlorophenyl-phenylether	15.39	204	532228	19.831 ng/ul	99
61) 4-Nitroaniline	15.41	138	195883	17.409 ng/ul	96
64) 4,6-Dinitro-2-methylphenol	15.47	198	139962	16.990 ng/ul	99
65) N-Nitrosodiphenylamine	15.60	169	843060	21.592 ng/ul	99
66) 4-Bromophenyl-phenylether	16.28	248	322817	21.819 ng/ul	98
67) Hexachlorobenzene	16.39	284	353288	21.132 ng/ul	99
68) Atrazine	16.56	200	261368	19.253 ng/ul	98
69) Pentachlorophenol	16.73	266	187327	18.585 ng/ul	96
70) Phenanthrene	17.12	178	1480746	20.038 ng/ul	99
72) Anthracene	17.22	178	1498597	19.958 ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	13.12	216	483530	22.989 ng/uL	98
74) Pentachlorobenzene	14.65	250	443072	22.422 ng/uL	99
75) Carbazole	17.49	167	1233928	18.988 ng/ul	99
76) Di-n-butylphthalate	18.06	149	1379243	18.984 ng/ul	100
77) Fluoranthene	19.14	202	1517851	17.732 ng/ul	99
80) Pyrene	19.51	202	1504981	23.674 ng/ul	97
81) Butylbenzylphthalate	20.42	149	488480	22.270 ng/ul	96
82) 3,3'-Dichlorobenzidine	21.19	252	390449	20.032 ng/ul	98
83) Benzo(a)anthracene	21.26	228	1347821	20.478 ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.20	149	734450	21.604 ng/ul	99
85) Chrysene	21.31	228	1278293	20.081 ng/ul	100
87) Di-n-octyl phthalate	22.07	149	1208200	20.461 ng/ul	100
88) Benzo(b)fluoranthene	22.83	252	1311859	19.951 ng/ul	99
89) Benzo(k)fluoranthene	22.87	252	1252254	19.824 ng/ul	99
91) Benzo(a)pyrene	23.40	252	1254293	19.793 ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.72	276	1519549	20.311 ng/ul	99
93) Dibenzo(a,h)anthracene	25.73	278	1277127	20.506 ng/ul	98
94) Benzo(g,h,i)perylene	26.40	276	1281084	20.564 ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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