Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060420\
Data File : BM026271.D
Acq On : 04 Jun 2020 23:30
Operator : JU/CG
Sample : SSTDCCC020EC
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02096

Quant Time: Jun 05 00:27:30 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 04 10:01:49 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.46	152	123693	20.00	ng/ul	0.00
18) Naphthalene-d8	10.22	136	497781	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.11	164	295114	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.86	188	645643	20.00	ng/ul	0.00
78) Chrysene-d12	21.06	240	716525	20.00	ng/ul	0.00
86) Perylene-d12	23.17	264	752092	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.05	96	29826	7.27	ng/uL	0.00
5) Phenol-d5	6.66	99	223837	19.95	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.82	67	151283	19.49	ng/ul	0.00
9) 2-Chlorophenol-d4	7.00	132	169813	19.34	ng/ul	0.00
13) 4-Methylphenol-d8	8.18	113	172222	20.37	ng/ul	0.00
19) Nitrobenzene-d5	8.60	128	80955	19.95	ng/ul	0.00
22) 2-Nitrophenol-d4	9.32	143	84309	21.00	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.86	165	162116	20.11	ng/ul	0.00
29) 4-Chloroaniline-d4	10.37	131	210884	25.80	ng/ul	0.00
44) Dimethylphthalate-d6	13.53	166	461794	19.51	ng/ul	0.00
47) Acenaphthylene-d8	13.79	160	556297	19.84	ng/ul	0.00
52) 4-Nitrophenol-d4	14.34	143	83442	19.91	ng/ul	0.00
58) Fluorene-d10	15.11	176	401743	19.52	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.24	200	73093	19.42	ng/ul	0.00
71) Anthracene-d10	16.96	188	618535	19.44	ng/ul	0.00
79) Pyrene-d10	19.26	212	703560	19.12	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.04	264	801627	20.02	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.08	88	30758	7.219	ng/uL	98
4) Benzaldehyde	6.62	77	146290	20.035	ng/ul	98
6) Phenol	6.69	94	246064	19.562	ng/ul	99
8) Bis(2-Chloroethyl)ether	6.90	93	188554	19.482	ng/ul	98
10) 2-Chlorophenol	7.03	128	183642	19.183	ng/ul	96
11) 2-Methylphenol	7.92	108	172462	19.899	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.00	45	340602	19.388	ng/ul	100
14) Acetophenone	8.28	105	283129	19.957	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.27	70	159252	19.049	ng/ul	95
16) 4-Methylphenol	8.25	108	185081	19.637	ng/ul	95
17) Hexachloroethane	8.52	117	77954	18.981	ng/ul	98
20) Nitrobenzene	8.65	77	235506	18.896	ng/ul	96
21) Isophorone	9.17	82	398407	19.219	ng/ul	99
23) 2-Nitrophenol	9.35	139	95828	20.537	ng/ul	92
24) 2,4-Dimethylphenol	9.43	107	214530	19.245	ng/ul	100
25) Bis(2-Chloroethoxy)methane	9.66	93	243062	18.590	ng/ul	96
27) 2,4-Dichlorophenol	9.88	162	168314	20.135	ng/ul	96
28) Naphthalene	10.27	128	576742	18.950	ng/ul	98
30) 4-Chloroaniline	10.39	127	220699	25.844	ng/ul	97
31) Hexachlorobutadiene	10.56	225	111553	19.889	ng/ul	97
32) Caprolactam	11.17	113	48321	20.784	ng/ul	98
33) 4-Chloro-3-methylphenol	11.53	107	192114	19.843	ng/ul	95
34) 2-Methylnaphthalene	11.89	142	397389	19.412	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.12	142	363981	19.165 ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.27	216	206701	19.541 ng/ul	98
38) Hexachlorocyclopentadiene	12.26	237	116109	19.041 ng/ul	98
39) 2,4,6-Trichlorophenol	12.53	196	128041	20.807 ng/ul	97
40) 2,4,5-Trichlorophenol	12.60	196	139039	20.475 ng/ul	99
41) 1,1'-Biphenyl	12.93	154	497113	18.984 ng/ul	99
42) 2-Chloronaphthalene	12.97	162	385877	19.096 ng/ul	98
43) 2-Nitroaniline	13.19	65	137818	20.235 ng/ul	96
45) Dimethylphthalate	13.58	163	485889	19.556 ng/ul	100
46) 2,6-Dinitrotoluene	13.69	165	96147	21.089 ng/ul	99
48) Acenaphthylene	13.82	152	602167	19.562 ng/ul	100
49) 3-Nitroaniline	14.02	138	97993	24.148 ng/ul	94
50) Acenaphthene	14.17	153	418772	19.291 ng/ul	99
51) 2,4-Dinitrophenol	14.24	184	46679	18.626 ng/ul	89
53) 4-Nitrophenol	14.35	109	75942	20.363 ng/ul	97
54) Dibenzofuran	14.51	168	584739	19.167 ng/ul	98
55) 2,4-Dinitrotoluene	14.49	165	141543	20.949 ng/ul	96
56) 2,3,4,6-Tetrachlorophenol	14.75	232	118848	20.811 ng/ul#	95
57) Diethylphthalate	14.96	149	483373	19.674 ng/ul	99
59) Fluorene	15.16	166	485972	19.692 ng/ul	99
60) 4-Chlorophenyl-phenylether	15.17	204	243673	19.785 ng/ul	98
61) 4-Nitroaniline	15.19	138	107593	21.224 ng/ul	97
64) 4,6-Dinitro-2-methylphenol	15.26	198	76257	19.241 ng/ul	100
65) N-Nitrosodiphenylamine	15.39	169	414305	19.147 ng/ul	99
66) 4-Bromophenyl-phenylether	16.06	248	147342	19.597 ng/ul	97
67) Hexachlorobenzene	16.17	284	167581	19.823 ng/ul	94
68) Atrazine	16.35	200	149077	21.038 ng/ul	99
69) Pentachlorophenol	16.52	266	86510	18.581 ng/ul	98
70) Phenanthrene	16.90	178	767832	18.880 ng/ul	99
72) Anthracene	16.99	178	786724	19.281 ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	12.89	216	206375	19.137 ng/uL	99
74) Pentachlorobenzene	14.43	250	196699	19.226 ng/uL	98
75) Carbazole	17.27	167	703357	20.837 ng/ul	99
76) Di-n-butylphthalate	17.85	149	818890	20.255 ng/ul	99
77) Fluoranthene	18.93	202	909412	21.317 ng/ul	99
80) Pyrene	19.29	202	955733	19.000 ng/ul	94
81) Butylbenzylphthalate	20.22	149	378148	21.238 ng/ul	95
82) 3,3'-Dichlorobenzidine	20.99	252	316713	24.137 ng/ul	99
83) Benzo(a)anthracene	21.04	228	960583	19.450 ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.01	149	571117	20.693 ng/ul	100
85) Chrysene	21.10	228	943652	19.223 ng/ul	99
87) Di-n-octyl phthalate	21.86	149	965048	20.416 ng/ul	100
88) Benzo(b)fluoranthene	22.55	252	1023779	20.125 ng/ul	99
89) Benzo(k)fluoranthene	22.59	252	943529	18.569 ng/ul	98
91) Benzo(a)pyrene	23.08	252	884929	19.766 ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.24	276	1127905	19.412 ng/ul	98
93) Dibenzo(a,h)anthracene	25.25	278	949414	19.296 ng/ul	99
94) Benzo(g,h,i)perylene	25.87	276	930506	19.187 ng/ul	97

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

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