Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031420\
Data File : BM025569.D
Acq On : 14 Mar 2020 13:29
Operator : CG/JU
Sample : SSTD02003
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02003

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Quant Time: Mar 16 03:47:24 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031420MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Mar 16 03:07:24 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	170289	20.00	ng/ul	0.00
18) Naphthalene-d8	10.40	136	700279	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.27	164	455320	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.02	188	1001831	20.00	ng/ul	0.00
78) Chrysene-d12	21.20	240	1063739	20.00	ng/ul	0.00
86) Perylene-d12	23.39	264	1243500	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.22	96	34031	9.61	ng/uL	0.00
5) Phenol-d5	6.82	99	270804	23.94	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.98	67	157581	24.66	ng/ul	0.00
9) 2-Chlorophenol-d4	7.18	132	226733	22.37	ng/ul	0.00
13) 4-Methylphenol-d8	8.35	113	223392	23.40	ng/ul	0.00
19) Nitrobenzene-d5	8.78	128	109530	21.63	ng/ul	0.00
22) 2-Nitrophenol-d4	9.50	143	116755	19.51	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.03	165	238649	19.77	ng/ul	0.00
29) 4-Chloroaniline-d4	10.54	131	264119	23.39	ng/ul	0.00
44) Dimethylphthalate-d6	13.69	166	728347	21.19	ng/ul	0.00
47) Acenaphthylene-d8	13.96	160	883346	22.01	ng/ul	0.00
52) 4-Nitrophenol-d4	14.47	143	133470	23.90	ng/ul	0.00
58) Fluorene-d10	15.27	176	640361	21.04	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.39	200	115438	17.68	ng/ul	0.00
71) Anthracene-d10	17.12	188	984639	21.53	ng/ul	0.00
79) Pyrene-d10	19.41	212	1077628	20.25	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.24	264	1339953	21.46	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.26	88	35848	9.602	ng/uL	100
4) Benzaldehyde	6.79	77	105471	14.176	ng/ul	100
6) Phenol	6.85	94	283097	23.775	ng/ul	100
8) Bis(2-Chloroethyl)ether	7.07	93	229344	23.853	ng/ul	100
10) 2-Chlorophenol	7.21	128	237120	22.948	ng/ul	100
11) 2-Methylphenol	8.08	108	216097	23.381	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.17	45	308571	40.809	ng/ul	100
14) Acetophenone	8.45	105	353355	23.491	ng/ul	100
15) N-Nitroso-di-n-propylamine	8.45	70	181632	25.547	ng/ul	100
16) 4-Methylphenol	8.40	108	239001	23.951	ng/ul	100
17) Hexachloroethane	8.71	117	99900	21.441	ng/ul	100
20) Nitrobenzene	8.82	77	267374	22.238	ng/ul	100
21) Isophorone	9.35	82	504302	23.130	ng/ul	100
23) 2-Nitrophenol	9.53	139	133008	20.653	ng/ul	100
24) 2,4-Dimethylphenol	9.60	107	267645	22.246	ng/ul	100
25) Bis(2-Chloroethoxy)methane	9.83	93	320947	23.468	ng/ul	100
27) 2,4-Dichlorophenol	10.06	162	237992	19.965	ng/ul	100
28) Naphthalene	10.46	128	799395	22.342	ng/ul	100
30) 4-Chloroaniline	10.56	127	271037	24.051	ng/ul	100
31) Hexachlorobutadiene	10.76	225	151452	15.295	ng/ul	100
32) Caprolactam	11.33	113	75939m	24.302	ng/ul	
33) 4-Chloro-3-methylphenol	11.70	107	251255	22.716	ng/ul	100
34) 2-Methylnaphthalene	12.07	142	570429	21.643	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.30	142	578117	21.994	ng/ul	100
37) 1,2,4,5-Tetrachlorobenzene	12.45	216	302477	18.786	ng/ul	100
38) Hexachlorocyclopentadiene	12.44	237	194845	17.160	ng/ul	100
39) 2,4,6-Trichlorophenol	12.69	196	194994	19.675	ng/ul	100
40) 2,4,5-Trichlorophenol	12.76	196	213966	20.656	ng/ul	100
41) 1,1'-Biphenyl	13.10	154	755225	22.468	ng/ul	100
42) 2-Chloronaphthalene	13.13	162	596818	21.746	ng/ul	100
43) 2-Nitroaniline	13.34	65	153034	26.445	ng/ul	100
45) Dimethylphthalate	13.73	163	758344	21.151	ng/ul	100
46) 2,6-Dinitrotoluene	13.85	165	150921	20.816	ng/ul	100
48) Acenaphthylene	13.99	152	953580	22.936	ng/ul	100
49) 3-Nitroaniline	14.17	138	120293	22.027	ng/ul	100
50) Acenaphthene	14.33	153	638889	22.755	ng/ul	100
51) 2,4-Dinitrophenol	14.38	184	77982	17.656	ng/ul	100
53) 4-Nitrophenol	14.49	109	107859	23.647	ng/ul	100
54) Dibenzofuran	14.67	168	909405	21.728	ng/ul	100
55) 2,4-Dinitrotoluene	14.64	165	227307	21.968	ng/ul	100
56) 2,3,4,6-Tetrachlorophenol	14.90	232	191809	18.950	ng/ul	100
57) Diethylphthalate	15.11	149	783152	22.075	ng/ul	100
59) Fluorene	15.32	166	765394	22.189	ng/ul	100
60) 4-Chlorophenyl-phenylether	15.32	204	393539	19.815	ng/ul	100
61) 4-Nitroaniline	15.34	138	136852	20.235	ng/ul	100
64) 4,6-Dinitro-2-methylphenol	15.40	198	129100	18.470	ng/ul	100
65) N-Nitrosodiphenylamine	15.54	169	654904	23.402	ng/ul	100
66) 4-Bromophenyl-phenylether	16.22	248	256555	20.437	ng/ul	100
67) Hexachlorobenzene	16.33	284	315036	21.235	ng/ul	100
68) Atrazine	16.49	200	239109	19.886	ng/ul	100
69) Pentachlorophenol	16.67	266	173415	19.534	ng/ul	100
70) Phenanthrene	17.06	178	1231643	22.547	ng/ul	100
72) Anthracene	17.14	178	1259568	22.736	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	13.06	216	320791	19.500	ng/uL	100
74) Pentachlorobenzene	14.60	250	354968	20.333	ng/uL	100
75) Carbazole	17.42	167	1088768	23.591	ng/ul	100
76) Di-n-butylphthalate	18.00	149	1310230	22.313	ng/ul	100
77) Fluoranthene	19.07	202	1438303	21.449	ng/ul	100
80) Pyrene	19.44	202	1497737	21.271	ng/ul	100
81) Butylbenzylphthalate	20.36	149	586717	22.277	ng/ul	100
82) 3,3'-Dichlorobenzidine	21.13	252	426836	17.166	ng/ul	100
83) Benzo(a)anthracene	21.19	228	1466232	20.463	ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.14	149	901738	21.630	ng/ul	100
85) Chrysene	21.24	228	1432295	20.304	ng/ul	100
87) Di-n-octyl phthalate	22.01	149	1501357	20.204	ng/ul	100
88) Benzo(b)fluoranthene	22.74	252	1603574	20.280	ng/ul	100
89) Benzo(k)fluoranthene	22.78	252	1622685	21.321	ng/ul	100
91) Benzo(a)pyrene	23.29	252	1490636	21.027	ng/ul	100
92) Indeno(1,2,3-cd)pyrene	25.55	276	1965314	22.269	ng/ul	100
93) Dibenzo(a,h)anthracene	25.56	278	1665388	22.147	ng/ul	100
94) Benzo(g,h,i)perylene	26.21	276	1624141	22.127	ng/ul	100

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

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