Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070119\
Data File : BM021335.D
Acq On : 02 Jul 2019 07:21
Operator : HP/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02037

Quant Time: Jul 02 08:03:24 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 02 01:54:12 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	217532	20.00	ng/ul	0.00
18) Naphthalene-d8	10.53	136	959661	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.39	164	624642	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.14	188	1327310	20.00	ng/ul	0.00
77) Chrysene-d12	21.33	240	995562	20.00	ng/ul	0.00
85) Perylene-d12	23.60	264	1130386	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.27	96	29420	6.42	ng/uL	0.00
5) Phenol-d5	6.92	99	338191	17.86	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.09	67	188496	16.71	ng/ul	0.00
9) 2-Chlorophenol-d4	7.28	132	277308	18.02	ng/ul	0.00
13) 4-Methylphenol-d8	8.46	113	288534	18.26	ng/ul	0.00
19) Nitrobenzene-d5	8.92	128	142488	18.29	ng/ul	0.00
22) 2-Nitrophenol-d4	9.63	143	163984	18.96	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.16	165	343951	19.56	ng/ul	0.00
29) 4-Chloroaniline-d4	10.68	131	351663	19.17	ng/ul	0.00
43) Dimethylphthalate-d6	13.80	166	1008632	17.87	ng/ul	0.00
46) Acenaphthylene-d8	14.09	160	1279140	18.51	ng/ul	0.00
51) 4-Nitrophenol-d4	14.61	143	129703	14.13	ng/ul	0.00
57) Fluorene-d10	15.39	176	868214	17.68	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.52	200	127215	15.59	ng/ul	0.00
70) Anthracene-d10	17.24	188	1263112	18.31	ng/ul	0.00
78) Pyrene-d10	19.54	212	1129038	18.90	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.46	264	1118214	16.77	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.31	88	29210	6.301	ng/uL	98
4) Benzaldehyde	6.90	77	232914	26.983	ng/ul	97
6) Phenol	6.95	94	343632	19.188	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.19	93	257267	18.822	ng/ul	98
10) 2-Chlorophenol	7.32	128	285355	19.682	ng/ul	98
11) 2-Methylphenol	8.19	108	268919	19.407	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.28	45	329475	18.877	ng/ul	98
14) Acetophenone	8.57	105	448561	19.719	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.56	70	226565	19.138	ng/ul	98
16) 4-Methylphenol	8.52	108	295003	19.563	ng/ul	99
17) Hexachloroethane	8.82	117	116342	19.252	ng/ul	95
20) Nitrobenzene	8.96	77	347041	19.824	ng/ul	97
21) Isophorone	9.47	82	632860	19.196	ng/ul	99
23) 2-Nitrophenol	9.66	139	172909	19.880	ng/ul	98
24) 2,4-Dimethylphenol	9.72	107	350598	19.731	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.96	93	385554	18.977	ng/ul	99
27) 2,4-Dichlorophenol	10.19	162	332091	20.740	ng/ul	97
28) Naphthalene	10.59	128	971669	19.721	ng/ul	100
30) 4-Chloroaniline	10.71	127	347909	20.164	ng/ul	100
31) Hexachlorobutadiene	10.85	225	219476	20.117	ng/ul	99
32) Caprolactam	11.50	113	113966	25.318	ng/ul	98
33) 4-Chloro-3-methylphenol	11.83	107	329702	20.196	ng/ul	99
34) 2-Methylnaphthalene	12.20	142	752030	19.906	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.57	216	457607	20.521	ng/ul	97
37) Hexachlorocyclopentadiene	12.54	237	121518	9.160	ng/ul	97
38) 2,4,6-Trichlorophenol	12.82	196	285271	20.586	ng/ul	98
39) 2,4,5-Trichlorophenol	12.89	196	302780	20.455	ng/ul	100
40) 1,1'-Biphenyl	13.22	154	1008218	19.566	ng/ul	99
41) 2-Chloronaphthalene	13.26	162	804509	19.762	ng/ul	98
42) 2-Nitroaniline	13.48	65	190805	19.285	ng/ul	96
44) Dimethylphthalate	13.86	163	999266	19.449	ng/ul	100
45) 2,6-Dinitrotoluene	13.99	165	195655	19.953	ng/ul	94
47) Acenaphthylene	14.12	152	1171210	19.799	ng/ul	99
48) 3-Nitroaniline	14.32	138	164376	19.149	ng/ul	98
49) Acenaphthene	14.46	153	846566	19.521	ng/ul	100
50) 2,4-Dinitrophenol	14.53	184	63163	12.822	ng/ul	93
52) 4-Nitrophenol	14.63	109	105768	15.576	ng/ul	98
53) Dibenzofuran	14.79	168	1217763	19.722	ng/ul	99
54) 2,4-Dinitrotoluene	14.77	165	281106	19.754	ng/ul	97
55) 2,3,4,6-Tetrachlorophenol	15.02	232	260061	20.147	ng/ul	99
56) Diethylphthalate	15.22	149	974149	19.652	ng/ul	99
58) Fluorene	15.44	166	985250	19.639	ng/ul	100
59) 4-Chlorophenyl-phenylether	15.44	204	548023	20.036	ng/ul	98
60) 4-Nitroaniline	15.48	138	160972	17.641	ng/ul	96
63) 4,6-Dinitro-2-methylphenol	15.54	198	133156	16.257	ng/ul	97
64) N-Nitrosodiphenylamine	15.66	169	837324	20.830	ng/ul	100
65) 4-Bromophenyl-phenylether	16.33	248	345643	21.236	ng/ul	99
66) Hexachlorobenzene	16.44	284	395596	21.206	ng/ul	98
67) Atrazine	16.62	200	368544	25.271	ng/ul	98
68) Pentachlorophenol	16.79	266	183108	19.576	ng/ul	96
69) Phenanthrene	17.19	178	1461128	19.904	ng/ul	100
71) Anthracene	17.28	178	1468735	19.634	ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.18	216	449890	21.546	ng/uL	99
73) Pentachlorobenzene	14.71	250	481862	22.427	ng/uL	98
74) Carbazole	17.55	167	1159248	18.803	ng/ul	100
75) Di-n-butylphthalate	18.11	149	1513005	20.441	ng/ul	100
76) Fluoranthene	19.20	202	1446671	18.239	ng/ul	99
79) Pyrene	19.57	202	1438307	20.436	ng/ul	99
80) Butylbenzylphthalate	20.47	149	538473	20.668	ng/ul	99
81) 3,3'-Dichlorobenzidine	21.26	252	401532	17.995	ng/ul	100
82) Benzo(a)anthracene	21.32	228	1331134	19.612	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.24	149	788938	21.268	ng/ul	99
84) Chrysene	21.37	228	1253316	19.716	ng/ul	99
86) Di-n-octyl phthalate	22.13	149	1236887	18.989	ng/ul	100
87) Benzo(b)fluoranthene	22.91	252	1358978	18.979	ng/ul	99
88) Benzo(k)fluoranthene	22.96	252	1343386	19.502	ng/ul	99
90) Benzo(a)pyrene	23.50	252	1313798	19.494	ng/ul	100
91) Indeno(1,2,3-cd)pyrene	25.89	276	1636005	20.615	ng/ul	100
92) Dibenzo(a,h)anthracene	25.90	278	1372702	20.561	ng/ul	99
93) Benzo(g,h,i)perylene	26.59	276	1360490	20.815	ng/ul	98

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

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