Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070119\
Data File : BM021325.D
Acq On : 02 Jul 2019 00:43
Operator : HP/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02036

Quant Time: Jul 02 01:34:17 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 02 01:20:26 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	231561	20.00	ng/ul	0.00
18) Naphthalene-d8	10.54	136	1014251	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.39	164	649529	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.14	188	1378014	20.00	ng/ul	0.00
77) Chrysene-d12	21.33	240	1017858	20.00	ng/ul	0.00
85) Perylene-d12	23.60	264	1156546	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.28	96	32953	6.76	ng/uL	0.00
5) Phenol-d5	6.93	99	359906	17.86	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.09	67	199559	16.62	ng/ul	0.00
9) 2-Chlorophenol-d4	7.29	132	302910	18.49	ng/ul	0.00
13) 4-Methylphenol-d8	8.46	113	309632	18.40	ng/ul	0.00
19) Nitrobenzene-d5	8.92	128	154992	18.82	ng/ul	0.00
22) 2-Nitrophenol-d4	9.63	143	178535	19.53	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.16	165	363060	19.53	ng/ul	0.00
29) 4-Chloroaniline-d4	10.69	131	367414	18.95	ng/ul	0.00
43) Dimethylphthalate-d6	13.81	166	1062529	18.10	ng/ul	0.00
46) Acenaphthylene-d8	14.09	160	1337251	18.61	ng/ul	0.00
51) 4-Nitrophenol-d4	14.61	143	140294	14.70	ng/ul	0.00
57) Fluorene-d10	15.39	176	907395	17.77	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.52	200	142720	16.85	ng/ul	0.00
70) Anthracene-d10	17.24	188	1301245	18.17	ng/ul	0.00
78) Pyrene-d10	19.54	212	1151932	18.86	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.45	264	1153905	16.91	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.31	88	32105	6.506	ng/uL	99
4) Benzaldehyde	6.91	77	245260	26.692	ng/ul	99
6) Phenol	6.95	94	365798	19.188	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.19	93	275910	18.963	ng/ul	98
10) 2-Chlorophenol	7.32	128	304703	19.743	ng/ul	98
11) 2-Methylphenol	8.19	108	288320	19.546	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.28	45	347489	18.703	ng/ul	99
14) Acetophenone	8.58	105	478300	19.753	ng/ul	96
15) N-Nitroso-di-n-propylamine	8.56	70	241131	19.134	ng/ul	98
16) 4-Methylphenol	8.52	108	317899	19.804	ng/ul	97
17) Hexachloroethane	8.82	117	122119	18.983	ng/ul	94
20) Nitrobenzene	8.96	77	358594	19.382	ng/ul	99
21) Isophorone	9.48	82	676201	19.407	ng/ul	97
23) 2-Nitrophenol	9.66	139	186738	20.314	ng/ul	98
24) 2,4-Dimethylphenol	9.72	107	374624	19.948	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.96	93	408514	19.025	ng/ul	99
27) 2,4-Dichlorophenol	10.19	162	349482	20.651	ng/ul	99
28) Naphthalene	10.59	128	1031007	19.799	ng/ul	99
30) 4-Chloroaniline	10.71	127	360478	19.768	ng/ul	100
31) Hexachlorobutadiene	10.86	225	230598	19.999	ng/ul	99
32) Caprolactam	11.50	113	121655	25.571	ng/ul	100
33) 4-Chloro-3-methylphenol	11.83	107	348806	20.217	ng/ul	99
34) 2-Methylnaphthalene	12.20	142	800605	20.051	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	479286	20.670 ng/ul	100
37) Hexachlorocyclopentadiene	12.54	237	266704	19.334 ng/ul	97
38) 2,4,6-Trichlorophenol	12.82	196	303710	21.077 ng/ul	99
39) 2,4,5-Trichlorophenol	12.90	196	321365	20.878 ng/ul	100
40) 1,1'-Biphenyl	13.22	154	1059072	19.766 ng/ul	99
41) 2-Chloronaphthalene	13.26	162	848417	20.042 ng/ul	99
42) 2-Nitroaniline	13.49	65	202267	19.660 ng/ul	98
44) Dimethylphthalate	13.86	163	1040848	19.482 ng/ul	98
45) 2,6-Dinitrotoluene	13.99	165	207213	20.322 ng/ul	94
47) Acenaphthylene	14.12	152	1225376	19.921 ng/ul	99
48) 3-Nitroaniline	14.32	138	172789	19.357 ng/ul	99
49) Acenaphthene	14.46	153	887205	19.674 ng/ul	99
50) 2,4-Dinitrophenol	14.53	184	90095	17.588 ng/ul	95
52) 4-Nitrophenol	14.63	109	112879	15.986 ng/ul	97
53) Dibenzofuran	14.79	168	1272303	19.816 ng/ul	98
54) 2,4-Dinitrotoluene	14.77	165	296825	20.060 ng/ul#	98
55) 2,3,4,6-Tetrachlorophenol	15.02	232	272773	20.322 ng/ul	99
56) Diethylphthalate	15.22	149	1017597	19.742 ng/ul	99
58) Fluorene	15.45	166	1028667	19.719 ng/ul	99
59) 4-Chlorophenyl-phenylether	15.44	204	572043	20.112 ng/ul	99
60) 4-Nitroaniline	15.48	138	169761	17.892 ng/ul	94
63) 4,6-Dinitro-2-methylphenol	15.54	198	148231	17.432 ng/ul	96
64) N-Nitrosodiphenylamine	15.66	169	875836	20.986 ng/ul	99
65) 4-Bromophenyl-phenylether	16.34	248	357804	21.174 ng/ul	97
66) Hexachlorobenzene	16.44	284	404714	20.897 ng/ul	99
67) Atrazine	16.62	200	382028	25.231 ng/ul	98
68) Pentachlorophenol	16.80	266	191332	19.702 ng/ul	99
69) Phenanthrene	17.19	178	1498356	19.661 ng/ul	99
71) Anthracene	17.28	178	1523025	19.611 ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.19	216	468303	21.603 ng/uL	99
73) Pentachlorobenzene	14.71	250	500624	22.443 ng/uL	99
74) Carbazole	17.56	167	1201933	18.778 ng/ul	100
75) Di-n-butylphthalate	18.11	149	1599952	20.820 ng/ul	100
76) Fluoranthene	19.20	202	1505312	18.280 ng/ul	99
79) Pyrene	19.57	202	1480981	20.581 ng/ul	99
80) Butylbenzylphthalate	20.47	149	564409	21.189 ng/ul	96
81) 3,3'-Dichlorobenzidine	21.25	252	414737	18.179 ng/ul	99
82) Benzo(a)anthracene	21.32	228	1352290	19.487 ng/ul	100
83) Bis(2-ethylhexyl)phthalate	21.24	149	816451	21.528 ng/ul	99
84) Chrysene	21.37	228	1281099	19.712 ng/ul	100
86) Di-n-octyl phthalate	22.12	149	1301021	19.522 ng/ul	100
87) Benzo(b)fluoranthene	22.92	252	1435406	19.593 ng/ul	100
88) Benzo(k)fluoranthene	22.96	252	1331021	18.885 ng/ul	99
90) Benzo(a)pyrene	23.50	252	1343408	19.482 ng/ul	100
91) Indeno(1,2,3-cd)pyrene	25.89	276	1685892	20.763 ng/ul	98
92) Dibenzo(a,h)anthracene	25.90	278	1413521	20.694 ng/ul	99
93) Benzo(g,h,i)perylene	26.59	276	1389876	20.783 ng/ul	98

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

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