Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101119\
Data File : BM023132.D
Acq On : 11 Oct 2019 16:32
Operator : JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02098

Quant Time: Oct 11 17:42:05 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 08 15:02:34 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	210159	20.00	ng/ul	0.00
18) Naphthalene-d8	10.56	136	828616	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.40	164	457637	20.00	ng/ul	-0.01
62) Phenanthrene-d10	17.14	188	888112	20.00	ng/ul	0.00
78) Chrysene-d12	21.33	240	909281	20.00	ng/ul	0.00
86) Perylene-d12	23.58	264	1096899	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.25	96	39329	8.09	ng/uL	0.00
5) Phenol-d5	6.94	99	334808	18.03	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.10	67	185410	18.24	ng/ul	0.00
9) 2-Chlorophenol-d4	7.30	132	284576	19.03	ng/ul	0.00
13) 4-Methylphenol-d8	8.48	113	260869	17.16	ng/ul	0.00
19) Nitrobenzene-d5	8.92	128	131539	20.57	ng/ul	0.00
22) 2-Nitrophenol-d4	9.64	143	147801	21.17	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	10.18	165	273696	19.69	ng/ul	0.00
29) 4-Chloroaniline-d4	10.69	131	306361	18.14	ng/ul	0.00
44) Dimethylphthalate-d6	13.82	166	672500	18.93	ng/ul	0.00
47) Acenaphthylene-d8	14.10	160	827908	20.19	ng/ul	0.00
52) 4-Nitrophenol-d4	14.61	143	123049	17.53	ng/ul	0.00
58) Fluorene-d10	15.40	176	574422	18.98	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.52	200	103641	17.93	ng/ul	0.00
71) Anthracene-d10	17.24	188	863216	19.90	ng/ul	0.00
79) Pyrene-d10	19.54	212	952768	19.47	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.44	264	1122238	19.78	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.28	88	38650	8.040	ng/uL	99
4) Benzaldehyde	6.92	77	123303	14.652	ng/ul	99
6) Phenol	6.97	94	353950	18.183	ng/ul	100
8) Bis(2-Chloroethyl)ether	7.19	93	267714	18.184	ng/ul	99
10) 2-Chlorophenol	7.33	128	304746	18.999	ng/ul	99
11) 2-Methylphenol	8.21	108	265111	17.670	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.30	45	352171	18.092	ng/ul	100
14) Acetophenone	8.59	105	403343	17.355	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.57	70	201219	16.857	ng/ul	98
16) 4-Methylphenol	8.54	108	285729	17.224	ng/ul	98
17) Hexachloroethane	8.85	117	119259	19.565	ng/ul	96
20) Nitrobenzene	8.96	77	296135	19.837	ng/ul	100
21) Isophorone	9.49	82	546557	18.585	ng/ul	100
23) 2-Nitrophenol	9.67	139	163741	20.502	ng/ul	97
24) 2,4-Dimethylphenol	9.74	107	301079	19.362	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.97	93	343189	18.297	ng/ul	99
27) 2,4-Dichlorophenol	10.21	162	275776	19.597	ng/ul	99
28) Naphthalene	10.60	128	886821	19.817	ng/ul	100
30) 4-Chloroaniline	10.72	127	324566	18.244	ng/ul	100
31) Hexachlorobutadiene	10.89	225	178564	20.972	ng/ul	99
32) Caprolactam	11.50	113	72329	15.874	ng/ul	96
33) 4-Chloro-3-methylphenol	11.85	107	255765	17.653	ng/ul	98
34) 2-Methylnaphthalene	12.22	142	620127	18.483	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.44	142	585717	18.278	ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.59	216	330534	22.014	ng/ul	99
38) Hexachlorocyclopentadiene	12.57	237	147994	15.726	ng/ul	99
39) 2,4,6-Trichlorophenol	12.83	196	208657	20.953	ng/ul	99
40) 2,4,5-Trichlorophenol	12.91	196	219653	20.224	ng/ul	98
41) 1,1'-Biphenyl	13.24	154	772609	20.619	ng/ul	99
42) 2-Chloronaphthalene	13.28	162	591705	20.655	ng/ul	99
43) 2-Nitroaniline	13.48	65	148086	19.933	ng/ul	99
45) Dimethylphthalate	13.86	163	685267	18.782	ng/ul	100
46) 2,6-Dinitrotoluene	13.98	165	142445	19.580	ng/ul	100
48) Acenaphthylene	14.13	152	892625	20.164	ng/ul	99
49) 3-Nitroaniline	14.31	138	135241	19.165	ng/ul	99
50) Acenaphthene	14.47	153	612730	19.869	ng/ul	99
51) 2,4-Dinitrophenol	14.52	184	86134	18.552	ng/ul	97
53) 4-Nitrophenol	14.62	109	90126	17.572	ng/ul	98
54) Dibenzofuran	14.80	168	860929	19.547	ng/ul	100
55) 2,4-Dinitrotoluene	14.77	165	201943	18.814	ng/ul	100
56) 2,3,4,6-Tetrachlorophenol	15.03	232	185903	19.454	ng/ul	99
57) Diethylphthalate	15.23	149	675117	18.430	ng/ul	99
59) Fluorene	15.46	166	684124	19.221	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.45	204	347968	19.287	ng/ul	99
61) 4-Nitroaniline	15.47	138	141643	17.768	ng/ul	99
64) 4,6-Dinitro-2-methylphenol	15.53	198	117011	18.104	ng/ul	98
65) N-Nitrosodiphenylamine	15.66	169	587521	20.127	ng/ul	100
66) 4-Bromophenyl-phenylether	16.34	248	219842	20.520	ng/ul	97
67) Hexachlorobenzene	16.46	284	243492	20.383	ng/ul	98
68) Atrazine	16.62	200	210142	19.691	ng/ul	98
69) Pentachlorophenol	16.80	266	143578	18.527	ng/ul	99
70) Phenanthrene	17.19	178	1043757	19.692	ng/ul	99
72) Anthracene	17.28	178	1080886	20.013	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.20	216	318163	22.956	ng/uL	99
74) Pentachlorobenzene	14.73	250	302288	21.850	ng/uL	98
75) Carbazole	17.55	167	968233	20.171	ng/ul	100
76) Di-n-butylphthalate	18.12	149	1145929	20.248	ng/ul	100
77) Fluoranthene	19.20	202	1237657	20.761	ng/ul	100
80) Pyrene	19.57	202	1255592	19.480	ng/ul	99
81) Butylbenzylphthalate	20.47	149	541700	20.435	ng/ul	98
82) 3,3'-Dichlorobenzidine	21.24	252	440037	21.244	ng/ul	99
83) Benzo(a)anthracene	21.31	228	1295427	19.843	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.25	149	775445	20.588	ng/ul	98
85) Chrysene	21.37	228	1204484	20.012	ng/ul	100
87) Di-n-octyl phthalate	22.13	149	1361140	18.246	ng/ul	100
88) Benzo(b)fluoranthene	22.90	252	1373814	18.873	ng/ul	99
89) Benzo(k)fluoranthene	22.95	252	1290608	18.532	ng/ul	100
91) Benzo(a)pyrene	23.49	252	1312090	19.213	ng/ul	100
92) Indeno(1,2,3-cd)pyrene	25.86	276	1599028	22.044	ng/ul	99
93) Dibenzo(a,h)anthracene	25.87	278	1332087	21.952	ng/ul	99
94) Benzo(g,h,i)perylene	26.56	276	1338571	22.873	ng/ul	99

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

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