Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM103119\
Data File : BM023551.D
Acq On : 01 Nov 2019 10:02
Operator : JU
Sample : SSTDCCC020
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02023

Quant Time: Nov 01 10:41:12 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Nov 01 08:19:37 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	489254	20.00	ng/ul	0.00
18) Naphthalene-d8	10.39	136	2100647	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.26	164	1316698	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.00	188	2714886	20.00	ng/ul	0.00
78) Chrysene-d12	21.20	240	2824125	20.00	ng/ul	0.00
86) Perylene-d12	23.39	264	3263401	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.15	96	80126	7.78	ng/uL	0.00
5) Phenol-d5	6.79	99	836838	20.37	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.95	67	485580	20.16	ng/ul	0.00
9) 2-Chlorophenol-d4	7.15	132	662257	20.62	ng/ul	0.00
13) 4-Methylphenol-d8	8.32	113	665978	19.95	ng/ul	0.00
19) Nitrobenzene-d5	8.76	128	330374	20.89	ng/ul	0.00
22) 2-Nitrophenol-d4	9.47	143	361439	20.60	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.02	165	692076	20.07	ng/ul	0.00
29) 4-Chloroaniline-d4	10.52	131	817201	20.61	ng/ul	0.00
44) Dimethylphthalate-d6	13.67	166	1945457	19.46	ng/ul	0.00
47) Acenaphthylene-d8	13.94	160	2329983	20.34	ng/ul	0.00
52) 4-Nitrophenol-d4	14.47	143	342488	19.77	ng/ul	0.00
58) Fluorene-d10	15.26	176	1681317	19.86	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.39	200	285407	16.89	ng/ul	0.00
71) Anthracene-d10	17.10	188	2603072	20.29	ng/ul	0.00
79) Pyrene-d10	19.40	212	2821162	18.16	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.25	264	3360752	20.22	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.17	88	82241	7.503	ng/uL	93
4) Benzaldehyde	6.76	77	364532	15.409	ng/ul	96
6) Phenol	6.82	94	876631	20.718	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.05	93	671796	20.360	ng/ul	100
10) 2-Chlorophenol	7.17	128	702057	20.861	ng/ul	99
11) 2-Methylphenol	8.06	108	655949	20.274	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.15	45	964327	20.468	ng/ul	98
14) Acetophenone	8.43	105	1050911	20.156	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.42	70	558461	18.959	ng/ul	99
16) 4-Methylphenol	8.39	108	717990	20.243	ng/ul	100
17) Hexachloroethane	8.68	117	285815	20.406	ng/ul	95
20) Nitrobenzene	8.80	77	797939	20.600	ng/ul	98
21) Isophorone	9.33	82	1524518	19.644	ng/ul	99
23) 2-Nitrophenol	9.51	139	393430	20.525	ng/ul	95
24) 2,4-Dimethylphenol	9.58	107	779161	19.684	ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.81	93	939332	19.681	ng/ul	99
27) 2,4-Dichlorophenol	10.04	162	677338	19.915	ng/ul	99
28) Naphthalene	10.43	128	2192153	20.360	ng/ul	100
30) 4-Chloroaniline	10.55	127	847509	20.614	ng/ul	99
31) Hexachlorobutadiene	10.73	225	434173	19.557	ng/ul	99
32) Caprolactam	11.33	113	212554	20.357	ng/ul	94
33) 4-Chloro-3-methylphenol	11.69	107	713484	19.026	ng/ul	98
34) 2-Methylnaphthalene	12.06	142	1596240	19.409	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.28	142	1543305	19.445 ng/ul	100
37) 1,2,4,5-Tetrachlorobenzene	12.43	216	834523	20.069 ng/ul	98
38) Hexachlorocyclopentadiene	12.42	237	422931	15.333 ng/ul	97
39) 2,4,6-Trichlorophenol	12.68	196	542372	20.019 ng/ul	99
40) 2,4,5-Trichlorophenol	12.76	196	579536	19.938 ng/ul	98
41) 1,1'-Biphenyl	13.09	154	2064340	20.219 ng/ul	99
42) 2-Chloronaphthalene	13.12	162	1611911	20.717 ng/ul	98
43) 2-Nitroaniline	13.33	65	447053	20.563 ng/ul	98
45) Dimethylphthalate	13.72	163	1980980	19.732 ng/ul	99
46) 2,6-Dinitrotoluene	13.84	165	397945	20.009 ng/ul	97
48) Acenaphthylene	13.97	152	2415575	20.344 ng/ul	100
49) 3-Nitroaniline	14.16	138	351623	19.567 ng/ul	98
50) Acenaphthene	14.32	153	1689618	20.229 ng/ul	100
51) 2,4-Dinitrophenol	14.38	184	207689	17.324 ng/ul	95
53) 4-Nitrophenol	14.49	109	272047	19.726 ng/ul	96
54) Dibenzofuran	14.66	168	2399553	20.061 ng/ul	100
55) 2,4-Dinitrotoluene	14.63	165	592594	20.554 ng/ul	99
56) 2,3,4,6-Tetrachlorophenol	14.89	232	507805	19.153 ng/ul	97
57) Diethylphthalate	15.10	149	1978914	19.541 ng/ul	99
59) Fluorene	15.31	166	1952075	20.016 ng/ul	99
60) 4-Chlorophenyl-phenylether	15.31	204	1003575	19.468 ng/ul	99
61) 4-Nitroaniline	15.33	138	381126	19.000 ng/ul	97
64) 4,6-Dinitro-2-methylphenol	15.40	198	321579	17.327 ng/ul#	96
65) N-Nitrosodiphenylamine	15.53	169	1698254	19.830 ng/ul	99
66) 4-Bromophenyl-phenylether	16.20	248	664099	19.159 ng/ul	97
67) Hexachlorobenzene	16.32	284	777302	19.594 ng/ul	99
68) Atrazine	16.49	200	601182	19.208 ng/ul	98
69) Pentachlorophenol	16.66	266	436978	18.546 ng/ul	97
70) Phenanthrene	17.05	178	3088341	20.356 ng/ul	99
72) Anthracene	17.14	178	3201713	20.828 ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.04	216	815752	20.056 ng/uL	98
74) Pentachlorobenzene	14.59	250	855872	19.637 ng/uL	99
75) Carbazole	17.41	167	2835195	21.878 ng/ul	100
76) Di-n-butylphthalate	17.99	149	3355636	20.630 ng/ul	99
77) Fluoranthene	19.07	202	3643790	23.025 ng/ul	97
80) Pyrene	19.43	202	3722269	18.665 ng/ul	98
81) Butylbenzylphthalate	20.35	149	1558781	19.092 ng/ul	99
82) 3,3'-Dichlorobenzidine	21.12	252	1209487	17.907 ng/ul	98
83) Benzo(a)anthracene	21.19	228	3817520	20.212 ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.14	149	2306574	20.151 ng/ul	100
85) Chrysene	21.24	228	3562638	20.443 ng/ul	99
87) Di-n-octyl phthalate	22.00	149	3905068	20.345 ng/ul	100
88) Benzo(b)fluoranthene	22.74	252	4010532	19.135 ng/ul	100
89) Benzo(k)fluoranthene	22.78	252	3951931	20.080 ng/ul	99
91) Benzo(a)pyrene	23.30	252	3853487	20.308 ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.58	276	4712860	22.939 ng/ul	99
93) Dibenzo(a,h)anthracene	25.59	278	3966274	22.895 ng/ul	99
94) Benzo(g,h,i)perylene	26.25	276	3924026	23.475 ng/ul	99

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

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