Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM110419\
Data File : BM023572.D
Acq On : 04 Nov 2019 09:51
Operator : JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02001

Quant Time: Nov 04 14:50:41 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Nov 04 01:07:42 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	367867	20.00	ng/ul	0.00
18) Naphthalene-d8	10.38	136	1506065	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.25	164	939904	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.00	188	1972249	20.00	ng/ul	0.00
78) Chrysene-d12	21.20	240	2122096	20.00	ng/ul	0.00
86) Perylene-d12	23.39	264	2441027	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.15	96	70179	9.06	ng/uL	0.00
5) Phenol-d5	6.79	99	591416	19.14	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.95	67	358067	19.77	ng/ul	0.00
9) 2-Chlorophenol-d4	7.14	132	467196	19.34	ng/ul	0.00
13) 4-Methylphenol-d8	8.32	113	461430	18.39	ng/ul	0.00
19) Nitrobenzene-d5	8.75	128	234121	20.65	ng/ul	0.00
22) 2-Nitrophenol-d4	9.47	143	234082	18.61	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.01	165	471380	19.07	ng/ul	0.00
29) 4-Chloroaniline-d4	10.52	131	571782	20.11	ng/ul	0.00
44) Dimethylphthalate-d6	13.67	166	1395819	19.56	ng/ul	0.00
47) Acenaphthylene-d8	13.94	160	1696961	20.75	ng/ul	0.00
52) 4-Nitrophenol-d4	14.47	143	225569	18.24	ng/ul	0.00
58) Fluorene-d10	15.25	176	1224132	20.25	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.38	200	199149	16.22	ng/ul	0.00
71) Anthracene-d10	17.10	188	1924039	20.64	ng/ul	0.00
79) Pyrene-d10	19.40	212	2139847	18.34	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.24	264	2516366	20.24	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.18	88	68314	8.289	ng/uL	98
4) Benzaldehyde	6.76	77	236067	13.271	ng/ul	97
6) Phenol	6.82	94	630414	19.815	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.04	93	503436	20.293	ng/ul	99
10) 2-Chlorophenol	7.17	128	507013	20.037	ng/ul	98
11) 2-Methylphenol	8.05	108	461320	18.964	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.13	45	713431	20.139	ng/ul	99
14) Acetophenone	8.42	105	791819	20.198	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.42	70	412256	18.613	ng/ul	99
16) 4-Methylphenol	8.38	108	508856	19.081	ng/ul	95
17) Hexachloroethane	8.67	117	217176	20.622	ng/ul	97
20) Nitrobenzene	8.79	77	598057	21.535	ng/ul	98
21) Isophorone	9.33	82	1101029	19.789	ng/ul	99
23) 2-Nitrophenol	9.50	139	272349	19.817	ng/ul	98
24) 2,4-Dimethylphenol	9.57	107	554791	19.549	ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.81	93	687297	20.085	ng/ul	98
27) 2,4-Dichlorophenol	10.03	162	478546	19.625	ng/ul	97
28) Naphthalene	10.43	128	1634976	21.181	ng/ul	100
30) 4-Chloroaniline	10.55	127	608497	20.644	ng/ul	98
31) Hexachlorobutadiene	10.73	225	318301	19.999	ng/ul	98
32) Caprolactam	11.33	113	144876	19.353	ng/ul	93
33) 4-Chloro-3-methylphenol	11.68	107	505454	18.800	ng/ul	97
34) 2-Methylnaphthalene	12.05	142	1179376	20.001	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.27	142	1134047	19.930	ng/ul	100
37) 1,2,4,5-Tetrachlorobenzene	12.43	216	616235	20.760	ng/ul	99
38) Hexachlorocyclopentadiene	12.42	237	260085	13.210	ng/ul	100
39) 2,4,6-Trichlorophenol	12.67	196	380333	19.666	ng/ul	97
40) 2,4,5-Trichlorophenol	12.75	196	404303	19.485	ng/ul	99
41) 1,1'-Biphenyl	13.08	154	1548230	21.243	ng/ul	99
42) 2-Chloronaphthalene	13.12	162	1192353	21.468	ng/ul	98
43) 2-Nitroaniline	13.33	65	321832	20.738	ng/ul	99
45) Dimethylphthalate	13.72	163	1449803	20.231	ng/ul	100
46) 2,6-Dinitrotoluene	13.83	165	283043	19.937	ng/ul	97
48) Acenaphthylene	13.97	152	1826841	21.554	ng/ul	99
49) 3-Nitroaniline	14.16	138	252600	19.691	ng/ul	100
50) Acenaphthene	14.32	153	1258866	21.114	ng/ul	99
51) 2,4-Dinitrophenol	14.37	184	110528	12.915	ng/ul	97
53) 4-Nitrophenol	14.48	109	183383	18.628	ng/ul	91
54) Dibenzofuran	14.66	168	1811272	21.213	ng/ul	99
55) 2,4-Dinitrotoluene	14.63	165	427720	20.783	ng/ul	98
56) 2,3,4,6-Tetrachlorophenol	14.89	232	354827	18.748	ng/ul	99
57) Diethylphthalate	15.09	149	1443448	19.967	ng/ul	98
59) Fluorene	15.30	166	1467322	21.077	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.31	204	749078	20.357	ng/ul	99
61) 4-Nitroaniline	15.33	138	288124	20.122	ng/ul	96
64) 4,6-Dinitro-2-methylphenol	15.39	198	228095	16.917	ng/ul#	96
65) N-Nitrosodiphenylamine	15.52	169	1260658	20.263	ng/ul	99
66) 4-Bromophenyl-phenylether	16.20	248	489683	19.446	ng/ul	98
67) Hexachlorobenzene	16.32	284	581330	20.172	ng/ul	99
68) Atrazine	16.48	200	431310	18.970	ng/ul	98
69) Pentachlorophenol	16.66	266	289482	16.912	ng/ul	99
70) Phenanthrene	17.04	178	2375682	21.554	ng/ul	99
72) Anthracene	17.13	178	2437535	21.828	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.04	216	608066	20.579	ng/uL	97
74) Pentachlorobenzene	14.58	250	641413	20.258	ng/uL	99
75) Carbazole	17.40	167	2132831	22.655	ng/ul	100
76) Di-n-butylphthalate	17.99	149	2407063	20.371	ng/ul	100
77) Fluoranthene	19.07	202	2778233	24.166	ng/ul	98
80) Pyrene	19.43	202	2889927	19.285	ng/ul	98
81) Butylbenzylphthalate	20.35	149	1060228	17.281	ng/ul	98
82) 3,3'-Dichlorobenzidine	21.12	252	845698	16.663	ng/ul	99
83) Benzo(a)anthracene	21.18	228	2961023	20.863	ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.14	149	1594254	18.536	ng/ul	99
85) Chrysene	21.23	228	2787940	21.290	ng/ul	100
87) Di-n-octyl phthalate	22.00	149	2651572	18.468	ng/ul	100
88) Benzo(b)fluoranthene	22.73	252	3148960	20.086	ng/ul	100
89) Benzo(k)fluoranthene	22.77	252	2992277	20.326	ng/ul	99
91) Benzo(a)pyrene	23.29	252	2975369	20.963	ng/ul	100
92) Indeno(1,2,3-cd)pyrene	25.57	276	3565096	23.198	ng/ul	98
93) Dibenzo(a,h)anthracene	25.59	278	2979862	22.996	ng/ul	99
94) Benzo(g,h,i)perylene	26.24	276	2977735	23.815	ng/ul	100

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

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