Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100819\
Data File : BM023085.D
Acq On : 09 Oct 2019 16:09
Operator : JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02099

Quant Time: Oct 09 17:33:20 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	179410	20.00	ng/ul	0.00
18) Naphthalene-d8	10.56	136	754377	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.41	164	439308	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.14	188	822551	20.00	ng/ul	0.00
78) Chrysene-d12	21.33	240	796694	20.00	ng/ul	0.00
86) Perylene-d12	23.58	264	918552	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.25	96	34242	8.25	ng/uL	0.00
5) Phenol-d5	6.94	99	290905	18.35	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.10	67	165789	19.11	ng/ul	0.00
9) 2-Chlorophenol-d4	7.30	132	242133	18.97	ng/ul	0.00
13) 4-Methylphenol-d8	8.47	113	231635	17.85	ng/ul	0.00
19) Nitrobenzene-d5	8.92	128	113290	19.46	ng/ul	0.00
22) 2-Nitrophenol-d4	9.65	143	119647	18.82	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.18	165	242469	19.16	ng/ul	0.00
29) 4-Chloroaniline-d4	10.69	131	279229	18.16	ng/ul	0.00
44) Dimethylphthalate-d6	13.82	166	631797	18.53	ng/ul	0.00
47) Acenaphthylene-d8	14.10	160	774308	19.67	ng/ul	0.00
52) 4-Nitrophenol-d4	14.60	143	109142	16.20	ng/ul	0.00
58) Fluorene-d10	15.40	176	541883	18.65	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.52	200	83971	15.69	ng/ul	0.00
71) Anthracene-d10	17.24	188	790901	19.69	ng/ul	0.00
79) Pyrene-d10	19.54	212	832927	19.43	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.44	264	924623	19.46	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.29	88	34242	8.344	ng/uL	98
4) Benzaldehyde	6.92	77	107977	15.030	ng/ul	100
6) Phenol	6.96	94	313665	18.875	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.20	93	237538	18.900	ng/ul	100
10) 2-Chlorophenol	7.33	128	261624	19.106	ng/ul	98
11) 2-Methylphenol	8.21	108	232824	18.178	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.30	45	328759	19.784	ng/ul	98
14) Acetophenone	8.59	105	369980	18.648	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.58	70	185735	18.227	ng/ul	99
16) 4-Methylphenol	8.54	108	258127	18.227	ng/ul	99
17) Hexachloroethane	8.85	117	101425	19.491	ng/ul	99
20) Nitrobenzene	8.96	77	273966	20.158	ng/ul	99
21) Isophorone	9.49	82	493570	18.435	ng/ul	100
23) 2-Nitrophenol	9.67	139	140820	19.367	ng/ul	99
24) 2,4-Dimethylphenol	9.74	107	273680	19.332	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.97	93	321693	18.839	ng/ul	100
27) 2,4-Dichlorophenol	10.21	162	246151	19.213	ng/ul	99
28) Naphthalene	10.61	128	803674	19.726	ng/ul	100
30) 4-Chloroaniline	10.72	127	297375	18.361	ng/ul	100
31) Hexachlorobutadiene	10.90	225	153205	19.764	ng/ul	99
32) Caprolactam	11.50	113	61417	14.806	ng/ul	95
33) 4-Chloro-3-methylphenol	11.85	107	236243	17.911	ng/ul	99
34) 2-Methylnaphthalene	12.22	142	576783	18.882	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.45	142	551385	18.900	ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.60	216	300966	20.881	ng/ul	98
38) Hexachlorocyclopentadiene	12.58	237	209311	23.170	ng/ul	99
39) 2,4,6-Trichlorophenol	12.83	196	187600	19.625	ng/ul	100
40) 2,4,5-Trichlorophenol	12.91	196	204818	19.645	ng/ul	99
41) 1,1'-Biphenyl	13.24	154	730815	20.317	ng/ul	99
42) 2-Chloronaphthalene	13.28	162	560222	20.372	ng/ul	99
43) 2-Nitroaniline	13.48	65	136011	19.071	ng/ul	96
45) Dimethylphthalate	13.86	163	653610	18.662	ng/ul	100
46) 2,6-Dinitrotoluene	13.98	165	128620	18.418	ng/ul	96
48) Acenaphthylene	14.13	152	842201	19.819	ng/ul	100
49) 3-Nitroaniline	14.31	138	115979	17.121	ng/ul	100
50) Acenaphthene	14.47	153	587314	19.839	ng/ul	99
51) 2,4-Dinitrophenol	14.52	184	62989	14.133	ng/ul	98
53) 4-Nitrophenol	14.62	109	82826	16.823	ng/ul	98
54) Dibenzofuran	14.80	168	822536	19.455	ng/ul	100
55) 2,4-Dinitrotoluene	14.77	165	182509	17.713	ng/ul	98
56) 2,3,4,6-Tetrachlorophenol	15.03	232	168346	18.352	ng/ul	99
57) Diethylphthalate	15.23	149	634540	18.045	ng/ul	100
59) Fluorene	15.46	166	651174	19.059	ng/ul	100
60) 4-Chlorophenyl-phenylether	15.45	204	329993	19.054	ng/ul	97
61) 4-Nitroaniline	15.47	138	123059	16.081	ng/ul	97
64) 4,6-Dinitro-2-methylphenol	15.53	198	95860	16.013	ng/ul	97
65) N-Nitrosodiphenylamine	15.66	169	555892	20.561	ng/ul	99
66) 4-Bromophenyl-phenylether	16.34	248	204615	20.621	ng/ul	98
67) Hexachlorobenzene	16.46	284	230445	20.829	ng/ul	99
68) Atrazine	16.62	200	181750	18.388	ng/ul	98
69) Pentachlorophenol	16.80	266	126158	17.577	ng/ul	99
70) Phenanthrene	17.19	178	984998	20.065	ng/ul	100
72) Anthracene	17.28	178	1001310	20.018	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	13.20	216	297348	23.164	ng/uL	99
74) Pentachlorobenzene	14.73	250	283746	22.145	ng/uL	100
75) Carbazole	17.54	167	870811	19.588	ng/ul	100
76) Di-n-butylphthalate	18.12	149	981434	18.724	ng/ul	100
77) Fluoranthene	19.20	202	1088716	19.719	ng/ul	99
80) Pyrene	19.57	202	1119000	19.814	ng/ul	99
81) Butylbenzylphthalate	20.47	149	415118	17.872	ng/ul	96
82) 3,3'-Dichlorobenzidine	21.25	252	337223	18.581	ng/ul	99
83) Benzo(a)anthracene	21.32	228	1121160	19.601	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.25	149	603265	18.280	ng/ul	100
85) Chrysene	21.37	228	1049315	19.897	ng/ul	100
87) Di-n-octyl phthalate	22.13	149	990581	15.857	ng/ul	100
88) Benzo(b)fluoranthene	22.90	252	1167419	19.151	ng/ul	99
89) Benzo(k)fluoranthene	22.95	252	1116831	19.151	ng/ul	100
91) Benzo(a)pyrene	23.48	252	1121242	19.606	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.86	276	1354029	22.291	ng/ul	100
93) Dibenzo(a,h)anthracene	25.87	278	1139146	22.417	ng/ul	99
94) Benzo(g,h,i)perylene	26.55	276	1125344	22.963	ng/ul	99

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

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