Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100719\
Data File : BM023031.D
Acq On : 07 Oct 2019 11:57
Operator : JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02022

Quant Time: Oct 07 13:23:32 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Oct 07 01:10:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	126053	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.57	136	534256	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.42	164	323174	20.00	ng/ul	-0.01
62) Phenanthrene-d10	17.16	188	665957	20.00	ng/ul	0.00
78) Chrysene-d12	21.34	240	709093	20.00	ng/ul	0.00
86) Perylene-d12	23.59	264	813047	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.26	96	25522	8.76	ng/uL	0.00
5) Phenol-d5	6.95	99	204188	18.33	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	7.11	67	117227	19.23	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.31	132	168267	18.76	ng/ul	-0.01
13) 4-Methylphenol-d8	8.48	113	162132	17.78	ng/ul	-0.02
19) Nitrobenzene-d5	8.93	128	78437	19.02	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.65	143	82660	18.36	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	10.19	165	167552	18.69	ng/ul	-0.02
29) 4-Chloroaniline-d4	10.70	131	197296	18.12	ng/ul	-0.01
44) Dimethylphthalate-d6	13.82	166	479230	19.11	ng/ul	-0.01
47) Acenaphthylene-d8	14.10	160	567832	19.61	ng/ul	-0.01
52) 4-Nitrophenol-d4	14.61	143	88263	17.81	ng/ul	-0.01
58) Fluorene-d10	15.40	176	415131	19.42	ng/ul	-0.01
63) 4,6-Dinitro-2-methylphenol	15.52	200	69457	16.03	ng/ul	-0.01
71) Anthracene-d10	17.25	188	644520	19.82	ng/ul	-0.01
79) Pyrene-d10	19.54	212	716211	18.77	ng/ul	-0.01
90) Benzo(a)pyrene-d12	23.44	264	810714	19.27	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.29	88	25251	8.758	ng/uL	95
4) Benzaldehyde	6.92	77	75223	14.903	ng/ul	99
6) Phenol	6.97	94	218582	18.721	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.20	93	167085	18.922	ng/ul	99
10) 2-Chlorophenol	7.35	128	183312	19.054	ng/ul	100
11) 2-Methylphenol	8.22	108	161870	17.988	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.31	45	231045	19.789	ng/ul	99
14) Acetophenone	8.60	105	259664	18.627	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.59	70	129783	18.127	ng/ul	97
16) 4-Methylphenol	8.55	108	180528	18.143	ng/ul	98
17) Hexachloroethane	8.86	117	71637	19.594	ng/ul	97
20) Nitrobenzene	8.97	77	190878	19.831	ng/ul	98
21) Isophorone	9.50	82	348482	18.379	ng/ul	99
23) 2-Nitrophenol	9.68	139	97266	18.889	ng/ul	98
24) 2,4-Dimethylphenol	9.75	107	191290	19.079	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.98	93	228268	18.875	ng/ul	100
27) 2,4-Dichlorophenol	10.22	162	173132	19.081	ng/ul	98
28) Naphthalene	10.62	128	570359	19.768	ng/ul	100
30) 4-Chloroaniline	10.72	127	211886	18.473	ng/ul	99
31) Hexachlorobutadiene	10.91	225	107824	19.641	ng/ul	99
32) Caprolactam	11.52	113	46387	15.790	ng/ul	97
33) 4-Chloro-3-methylphenol	11.85	107	172621	18.479	ng/ul	99
34) 2-Methylnaphthalene	12.23	142	410886	18.994	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.45	142	392538	18.999	ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.60	216	213380	20.124	ng/ul	100
38) Hexachlorocyclopentadiene	12.59	237	104291	15.693	ng/ul	99
39) 2,4,6-Trichlorophenol	12.85	196	135564	19.277	ng/ul	100
40) 2,4,5-Trichlorophenol	12.92	196	150647	19.642	ng/ul	99
41) 1,1'-Biphenyl	13.25	154	529989	20.029	ng/ul	99
42) 2-Chloronaphthalene	13.29	162	406352	20.087	ng/ul	100
43) 2-Nitroaniline	13.49	65	101808	19.405	ng/ul	93
45) Dimethylphthalate	13.87	163	495266	19.222	ng/ul	100
46) 2,6-Dinitrotoluene	13.99	165	93903	18.278	ng/ul	95
48) Acenaphthylene	14.13	152	622068	19.899	ng/ul	99
49) 3-Nitroaniline	14.32	138	86298	17.318	ng/ul	99
50) Acenaphthene	14.48	153	432451	19.858	ng/ul	99
51) 2,4-Dinitrophenol	14.52	184	46805	14.275	ng/ul	99
53) 4-Nitrophenol	14.62	109	68943	19.035	ng/ul	97
54) Dibenzofuran	14.82	168	617166	19.843	ng/ul	99
55) 2,4-Dinitrotoluene	14.77	165	140620	18.552	ng/ul	96
56) 2,3,4,6-Tetrachlorophenol	15.04	232	128952	19.109	ng/ul	98
57) Diethylphthalate	15.24	149	493535	19.079	ng/ul	100
59) Fluorene	15.46	166	496860	19.768	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.46	204	251130	19.711	ng/ul	97
61) 4-Nitroaniline	15.47	138	100737	17.895	ng/ul	95
64) 4,6-Dinitro-2-methylphenol	15.54	198	81142	16.742	ng/ul	96
65) N-Nitrosodiphenylamine	15.67	169	430025	19.646	ng/ul	99
66) 4-Bromophenyl-phenylether	16.35	248	158581	19.739	ng/ul	98
67) Hexachlorobenzene	16.47	284	180157	20.112	ng/ul	96
68) Atrazine	16.62	200	147644	18.449	ng/ul	99
69) Pentachlorophenol	16.81	266	104375	17.961	ng/ul	98
70) Phenanthrene	17.20	178	792654	19.943	ng/ul	99
72) Anthracene	17.29	178	814661	20.116	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	13.21	216	211888	20.388	ng/uL	99
74) Pentachlorobenzene	14.73	250	209587	20.203	ng/uL	99
75) Carbazole	17.56	167	733252	20.372	ng/ul	100
76) Di-n-butylphthalate	18.12	149	816734	19.246	ng/ul	99
77) Fluoranthene	19.21	202	939969	21.028	ng/ul	98
80) Pyrene	19.57	202	974632	19.389	ng/ul	98
81) Butylbenzylphthalate	20.48	149	374452	18.113	ng/ul	99
82) 3,3'-Dichlorobenzidine	21.25	252	300861	18.626	ng/ul	98
83) Benzo(a)anthracene	21.32	228	1006405	19.768	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.26	149	545340	18.566	ng/ul	99
85) Chrysene	21.37	228	945485	20.143	ng/ul	99
87) Di-n-octyl phthalate	22.14	149	925900	16.745	ng/ul	100
88) Benzo(b)fluoranthene	22.91	252	1021911	18.940	ng/ul	100
89) Benzo(k)fluoranthene	22.96	252	991257	19.203	ng/ul	100
91) Benzo(a)pyrene	23.49	252	990463	19.567	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.87	276	1180246	21.951	ng/ul	99
93) Dibenzo(a,h)anthracene	25.88	278	986780	21.939	ng/ul	100
94) Benzo(g,h,i)perylene	26.57	276	979708	22.585	ng/ul	99

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

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