Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010719\
Data File : BM018441.D
Acq On : 07 Jan 2019 13:07
Operator : JU/SJ
Sample : SSTD16007
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD16007

Quant Time: Jan 07 13:39:47 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM010719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jan 07 12:07:21 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	358068	20.00	ng/ul	0.00
18) Naphthalene-d8	10.56	136	1454627	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.42	164	805423	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.16	188	1828721	20.00	ng/ul	0.00
77) Chrysene-d12	21.36	240	1995419	20.00	ng/ul	0.00
85) Perylene-d12	23.64	264	2069105	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.26	96	472775	63.00	ng/uL	0.00
5) Phenol-d5	6.95	99	4482332	130.27	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.11	67	2447619	132.63	ng/ul	0.00
9) 2-Chlorophenol-d4	7.31	132	4031088	148.17	ng/ul	0.01
13) 4-Methylphenol-d8	8.49	113	3564740	127.72	ng/ul	0.02
19) Nitrobenzene-d5	8.94	128	1875932	156.99	ng/ul	0.01
22) 2-Nitrophenol-d4	9.66	143	2108187	149.05	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.19	165	3885021	158.92	ng/ul	0.00
29) 4-Chloroaniline-d4	10.71	131	2502247	115.81	ng/ul	0.00
43) Dimethylphthalate-d6	13.83	166	10538722	147.91	ng/ul	0.01
46) Acenaphthylene-d8	14.11	160	13227382	152.35	ng/ul	0.00
51) 4-Nitrophenol-d4	14.66	143	2058425	160.10	ng/ul	0.01
57) Fluorene-d10	15.42	176	8940752	151.05	ng/ul	0.01
62) 4,6-Dinitro-2-methylphenol	15.54	200	1996133	143.27	ng/ul	0.02
70) Anthracene-d10	17.27	188	13444099	145.49	ng/ul	0.00
78) Pyrene-d10	19.56	212	14479208	151.33	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.51	264	17928652	156.43	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.29	88	476899	57.714	ng/uL	96
4) Benzaldehyde	6.92	77	475865	78.355	ng/ul	98
6) Phenol	6.98	94	4318713	127.625	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.20	93	3264429	131.349	ng/ul	99
10) 2-Chlorophenol	7.34	128	3895868	145.189	ng/ul	98
11) 2-Methylphenol	8.22	108	3399006	128.720	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.30	45	4033862	171.857	ng/ul	98
14) Acetophenone	8.60	105	5264626	124.845	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.60	70	2492296	115.409	ng/ul	99
16) 4-Methylphenol	8.56	108	3513059	122.335	ng/ul	96
17) Hexachloroethane	8.84	117	1594806	150.128	ng/ul	94
20) Nitrobenzene	8.99	77	3870310	143.186	ng/ul	99
21) Isophorone	9.51	82	7099150	130.681	ng/ul	99
23) 2-Nitrophenol	9.69	139	2174006	150.047	ng/ul	96
24) 2,4-Dimethylphenol	9.75	107	4043527	140.618	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.99	93	4296723	134.629	ng/ul	100
27) 2,4-Dichlorophenol	10.22	162	3635631	153.395	ng/ul	99
28) Naphthalene	10.62	128	11472302	146.581	ng/ul	99
30) 4-Chloroaniline	10.73	127	2532864	114.989	ng/ul	96
31) Hexachlorobutadiene	10.88	225	2451200	161.292	ng/ul	99
32) Caprolactam	11.56	113	584064	63.800	ng/ul	96
33) 4-Chloro-3-methylphenol	11.87	107	3638147	133.911	ng/ul	99
34) 2-Methylnaphthalene	12.23	142	8294712	142.841	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.59	216	4403016	169.138	ng/ul	98
37) Hexachlorocyclopentadiene	12.56	237	2958512	225.216	ng/ul	97
38) 2,4,6-Trichlorophenol	12.85	196	2889742	162.255	ng/ul	97
39) 2,4,5-Trichlorophenol	12.93	196	3057728	160.253	ng/ul	99
40) 1,1'-Biphenyl	13.25	154	10199170	150.700	ng/ul	99
41) 2-Chloronaphthalene	13.29	162	8129028	154.111	ng/ul	99
42) 2-Nitroaniline	13.52	65	2247684	151.217	ng/ul	95
44) Dimethylphthalate	13.89	163	10133671	149.386	ng/ul	99
45) 2,6-Dinitrotoluene	14.01	165	2271089	158.209	ng/ul	97
47) Acenaphthylene	14.14	152	11981569	145.762	ng/ul	99
48) 3-Nitroaniline	14.34	138	1868456	136.672	ng/ul	98
49) Acenaphthene	14.48	153	8668173	149.711	ng/ul	99
50) 2,4-Dinitrophenol	14.54	184	1386107	145.042	ng/ul	98
52) 4-Nitrophenol	14.67	109	1655643	161.840	ng/ul	98
53) Dibenzofuran	14.82	168	11824767	147.724	ng/ul	98
54) 2,4-Dinitrotoluene	14.80	165	3275803	154.138	ng/ul	98
55) 2,3,4,6-Tetrachlorophenol	15.04	232	2691162	155.296	ng/ul	99
56) Diethylphthalate	15.25	149	10451087	148.836	ng/ul	99
58) Fluorene	15.47	166	9596429	144.285	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.46	204	4979945	148.630	ng/ul	99
60) 4-Nitroaniline	15.53	138	2331451	154.961	ng/ul	99
63) 4,6-Dinitro-2-methylphenol	15.56	198	2058382	144.776	ng/ul	93
64) N-Nitrosodiphenylamine	15.69	169	8557178	142.979	ng/ul	99
65) 4-Bromophenyl-phenylether	16.36	248	3246183	150.157	ng/ul	95
66) Hexachlorobenzene	16.46	284	3444462	144.667	ng/ul	96
67) Atrazine	16.64	200	3140362	143.528	ng/ul	99
68) Pentachlorophenol	16.82	266	2217545	157.288	ng/ul	97
69) Phenanthrene	17.30	178	14080636	131.898	ng/ul	96
71) Anthracene	17.30	178	14080636	128.164	ng/ul	95
72) 1,2,3,4-Tetrachlorobenzene	13.20	216	4312079	164.679	ng/uL	99
73) Pentachlorobenzene	14.73	250	4019592	147.414	ng/uL	96
74) Carbazole	17.57	167	13664628	136.685	ng/ul	97
75) Di-n-butylphthalate	18.13	149	14002160	111.935	ng/ul#	88
76) Fluoranthene	19.22	202	14919871	120.489	ng/ul#	93
79) Pyrene	19.59	202	14455049	121.085	ng/ul#	82
80) Butylbenzylphthalate	20.49	149	8677194	151.979	ng/ul	97
81) 3,3'-Dichlorobenzidine	21.28	252	6571423	143.311	ng/ul	100
82) Benzo(a)anthracene	21.34	228	15152806	119.987	ng/ul#	72
83) Bis(2-ethylhexyl)phthalate	21.26	149	11174591	133.142	ng/ul#	77
84) Chrysene	21.39	228	13776011	116.904	ng/ul#	75
86) Di-n-octyl phthalate	22.15	149	15407846	101.297	ng/ul	100
87) Benzo(b)fluoranthene	22.96	252	19148658	155.292	ng/ul	93
88) Benzo(k)fluoranthene	22.96	252	19148658	156.049	ng/ul	93
90) Benzo(a)pyrene	23.56	252	18128155	149.053	ng/ul#	91
91) Indeno(1,2,3-cd)pyrene	26.00	276	23279078	168.671	ng/ul	96
92) Dibenzo(a,h)anthracene	26.01	278	19055954	162.499	ng/ul	99
93) Benzo(g,h,i)perylene	26.71	276	19329655	168.044	ng/ul	99

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

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