Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM010719\
Data File : BM018438.D
Acq On : 07 Jan 2019 11:20
Operator : JU/SJ
Sample : SSTD02004
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02004

Quant Time: Jan 07 12:14:40 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	7.76	152	336468	20.00	ng/ul	0.00
18) Naphthalene-d8	10.56	136	1434666	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.41	164	814085	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.16	188	1853001	20.00	ng/ul	0.00
77) Chrysene-d12	21.35	240	1959374	20.00	ng/ul	0.00
85) Perylene-d12	23.63	264	2001685	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.26	96	54290	7.70	ng/uL	0.00
5) Phenol-d5	6.94	99	529335	16.37	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.10	67	304491	17.56	ng/ul	0.00
9) 2-Chlorophenol-d4	7.30	132	471354	18.44	ng/ul	0.00
13) 4-Methylphenol-d8	8.47	113	432021	16.47	ng/ul	0.00
19) Nitrobenzene-d5	8.93	128	218429	18.53	ng/ul	0.00
22) 2-Nitrophenol-d4	9.65	143	225990	16.20	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.19	165	463837	19.24	ng/ul	0.00
29) 4-Chloroaniline-d4	10.72	131	358080	16.80	ng/ul	0.00
43) Dimethylphthalate-d6	13.82	166	1407210	19.54	ng/ul	0.00
46) Acenaphthylene-d8	14.10	160	1758845	20.04	ng/ul	0.00
51) 4-Nitrophenol-d4	14.65	143	234462	18.04	ng/ul	0.00
57) Fluorene-d10	15.40	176	1207261	20.18	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.53	200	177141	12.55	ng/ul	0.00
70) Anthracene-d10	17.26	188	1839299	19.64	ng/ul	0.00
78) Pyrene-d10	19.56	212	2040952	21.72	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.49	264	2174163	19.61	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.29	88	60161	7.748	ng/uL	100
4) Benzaldehyde	6.92	77	100350	17.584	ng/ul	100
6) Phenol	6.97	94	523946	16.477	ng/ul	100
8) Bis(2-Chloroethyl)ether	7.20	93	404292	17.312	ng/ul	100
10) 2-Chlorophenol	7.33	128	470805	18.672	ng/ul	100
11) 2-Methylphenol	8.22	108	408654	16.469	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.29	45	527627	23.922	ng/ul	100
14) Acetophenone	8.59	105	688601	17.378	ng/ul	100
15) N-Nitroso-di-n-propylamine	8.57	70	323541	15.944	ng/ul	100
16) 4-Methylphenol	8.54	108	433321	16.058	ng/ul	100
17) Hexachloroethane	8.83	117	194192	19.454	ng/ul	100
20) Nitrobenzene	8.97	77	483367	18.131	ng/ul	100
21) Isophorone	9.49	82	913205	17.044	ng/ul	100
23) 2-Nitrophenol	9.67	139	245262	17.163	ng/ul	100
24) 2,4-Dimethylphenol	9.74	107	508406	17.926	ng/ul	100
25) Bis(2-Chloroethoxy)methane	9.97	93	558940	17.757	ng/ul	100
27) 2,4-Dichlorophenol	10.22	162	445808	19.071	ng/ul	100
28) Naphthalene	10.61	128	1479058	19.161	ng/ul	100
30) 4-Chloroaniline	10.74	127	362705	16.695	ng/ul	100
31) Hexachlorobutadiene	10.87	225	300599	20.055	ng/ul	100
32) Caprolactam	11.54	113	130415	14.444	ng/ul	100
33) 4-Chloro-3-methylphenol	11.86	107	447257	16.691	ng/ul	100
34) 2-Methylnaphthalene	12.22	142	1084470	18.935	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.59	216	553837	21.049	ng/ul	100
37) Hexachlorocyclopentadiene	12.56	237	314057	23.653	ng/ul	100
38) 2,4,6-Trichlorophenol	12.84	196	349830	19.433	ng/ul	100
39) 2,4,5-Trichlorophenol	12.92	196	369613	19.165	ng/ul	100
40) 1,1'-Biphenyl	13.24	154	1372933	20.070	ng/ul	100
41) 2-Chloronaphthalene	13.29	162	1080136	20.260	ng/ul	100
42) 2-Nitroaniline	13.50	65	261837	17.428	ng/ul	100
44) Dimethylphthalate	13.87	163	1372445	20.017	ng/ul	100
45) 2,6-Dinitrotoluene	14.00	165	258790	17.836	ng/ul	100
47) Acenaphthylene	14.13	152	1630091	19.620	ng/ul	100
48) 3-Nitroaniline	14.33	138	223764	16.194	ng/ul	100
49) Acenaphthene	14.47	153	1150490	19.659	ng/ul	100
50) 2,4-Dinitrophenol	14.53	184	92397	9.566	ng/ul	100
52) 4-Nitrophenol	14.66	109	193499	18.713	ng/ul	100
53) Dibenzofuran	14.81	168	1608828	19.885	ng/ul	100
54) 2,4-Dinitrotoluene	14.78	165	385994	17.969	ng/ul	100
55) 2,3,4,6-Tetrachlorophenol	15.04	232	315227	17.997	ng/ul	100
56) Diethylphthalate	15.24	149	1387116	19.544	ng/ul	100
58) Fluorene	15.46	166	1316119	19.578	ng/ul	100
59) 4-Chlorophenyl-phenylether	15.46	204	672051	19.844	ng/ul	100
60) 4-Nitroaniline	15.50	138	257812	16.953	ng/ul	100
63) 4,6-Dinitro-2-methylphenol	15.54	198	191767	13.311	ng/ul	100
64) N-Nitrosodiphenylamine	15.67	169	1143222	18.851	ng/ul	100
65) 4-Bromophenyl-phenylether	16.35	248	400511	18.283	ng/ul	100
66) Hexachlorobenzene	16.45	284	441248	18.290	ng/ul	100
67) Atrazine	16.63	200	389508	17.569	ng/ul	100
68) Pentachlorophenol	16.81	266	234138	16.390	ng/ul	100
69) Phenanthrene	17.20	178	2107840	19.486	ng/ul	100
71) Anthracene	17.29	178	2141927	19.241	ng/ul	100
72) 1,2,3,4-Tetrachlorobenzene	13.20	216	542031	20.429	ng/uL	100
73) Pentachlorobenzene	14.72	250	521855	18.888	ng/uL	100
74) Carbazole	17.57	167	1904789	18.804	ng/ul	100
75) Di-n-butylphthalate	18.13	149	2283500	18.015	ng/ul	100
76) Fluoranthene	19.22	202	2470424	19.689	ng/ul	100
79) Pyrene	19.59	202	2511862	21.428	ng/ul	100
80) Butylbenzylphthalate	20.49	149	1044040	18.622	ng/ul	100
81) 3,3'-Dichlorobenzidine	21.27	252	818565	18.180	ng/ul	100
82) Benzo(a)anthracene	21.33	228	2536616	20.456	ng/ul	100
83) Bis(2-ethylhexyl)phthalate	21.26	149	1552619	18.839	ng/ul	100
84) Chrysene	21.39	228	2339525	20.219	ng/ul	100
86) Di-n-octyl phthalate	22.15	149	2732722	18.571	ng/ul	100
87) Benzo(b)fluoranthene	22.94	252	2467627	20.686	ng/ul	100
88) Benzo(k)fluoranthene	22.99	252	2459224	20.716	ng/ul	100
90) Benzo(a)pyrene	23.53	252	2381841	20.243	ng/ul	100
91) Indeno(1,2,3-cd)pyrene	25.95	276	2824873	21.157	ng/ul	100
92) Dibenzo(a,h)anthracene	25.96	278	2347889	20.696	ng/ul	100
93) Benzo(g,h,i)perylene	26.66	276	2340150	21.030	ng/ul	100

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

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