Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM041718\
Data File : BM014724.D
Acq On : 17 Apr 2018 15:38
Operator : SJ/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02080

Quant Time: Apr 17 16:16:55 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM032818MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Apr 17 13:59:03 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.57	152	479059	20.00	ng/ul	0.00
18) Naphthalene-d8	11.42	136	2115100	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.17	164	1119686	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.88	188	2175985	20.00	ng/ul	0.00
77) Chrysene-d12	21.96	240	1713986	20.00	ng/ul	0.00
85) Perylene-d12	24.47	264	1577681	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.69	96	81508	8.19	ng/uL	0.00
5) Phenol-d5	7.69	99	779798	20.41	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.87	67	500755	20.84	ng/ul	0.00
9) 2-Chlorophenol-d4	8.09	132	636466	20.19	ng/ul	0.00
13) 4-Methylphenol-d8	9.27	113	636766	20.40	ng/ul	0.00
19) Nitrobenzene-d5	9.75	128	301812	22.19	ng/ul	0.00
22) 2-Nitrophenol-d4	10.48	143	315929	25.84	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	11.02	165	624043	19.98	ng/ul	0.00
29) 4-Chloroaniline-d4	11.54	131	803937	22.77	ng/ul	0.00
43) Dimethylphthalate-d6	14.56	166	1674528	18.93	ng/ul	0.00
46) Acenaphthylene-d8	14.87	160	2172624	19.33	ng/ul	0.00
51) 4-Nitrophenol-d4	15.32	143	280236	19.52	ng/ul	0.00
57) Fluorene-d10	16.15	176	1440629	18.93	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.24	200	213278	22.96	ng/ul	0.00
70) Anthracene-d10	17.97	188	1982468	19.34	ng/ul	0.00
78) Pyrene-d10	20.21	212	1842600	21.18	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.32	264	1522133	19.65	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.73	88	84629	7.893	ng/uL	95
4) Benzaldehyde	7.68	77	491488	22.501	ng/ul	95
6) Phenol	7.72	94	766035	20.532	ng/ul	94
8) Bis(2-Chloroethyl)ether	7.96	93	613372	20.801	ng/ul#	86
10) 2-Chlorophenol	8.12	128	625912	20.108	ng/ul#	92
11) 2-Methylphenol	9.00	108	569469	20.045	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	9.09	45	1157071	21.169	ng/ul#	82
14) Acetophenone	9.40	105	942517	20.416	ng/ul#	90
15) N-Nitroso-di-n-propylamine	9.38	70	487966	19.755	ng/ul#	75
16) 4-Methylphenol	9.33	108	623800	20.430	ng/ul	98
17) Hexachloroethane	9.67	117	249704	19.795	ng/ul	97
20) Nitrobenzene	9.79	77	721161	20.790	ng/ul	95
21) Isophorone	10.32	82	1272314	18.785	ng/ul	99
23) 2-Nitrophenol	10.51	139	343398	24.113	ng/ul	90
24) 2,4-Dimethylphenol	10.55	107	690588	19.194	ng/ul	100
25) Bis(2-Chloroethoxy)methane	10.79	93	822741	19.742	ng/ul	99
27) 2,4-Dichlorophenol	11.05	162	585389	19.978	ng/ul	99
28) Naphthalene	11.47	128	1993269	19.331	ng/ul	99
30) 4-Chloroaniline	11.56	127	768730	22.779	ng/ul	99
31) Hexachlorobutadiene	11.74	225	365469	18.688	ng/ul	97
32) Caprolactam	12.32	113	160844	18.335	ng/ul#	57
33) 4-Chloro-3-methylphenol	12.64	107	602719	19.336	ng/ul	95
34) 2-Methylnaphthalene	13.03	142	1410887	19.181	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.39	216	692214	19.476 ng/ul	98
37) Hexachlorocyclopentadiene	13.36	237	440431	18.595 ng/ul	99
38) 2,4,6-Trichlorophenol	13.62	196	445623	21.109 ng/ul	99
39) 2,4,5-Trichlorophenol	13.69	196	467358	21.134 ng/ul	99
40) 1,1'-Biphenyl	14.01	154	1777580	19.824 ng/ul	97
41) 2-Chloronaphthalene	14.06	162	1381482	19.881 ng/ul	96
42) 2-Nitroaniline	14.25	65	371505	22.944 ng/ul	85
44) Dimethylphthalate	14.60	163	1615530	18.952 ng/ul	99
45) 2,6-Dinitrotoluene	14.73	165	315609	22.924 ng/ul	94
47) Acenaphthylene	14.90	152	2066114	19.386 ng/ul	99
48) 3-Nitroaniline	15.06	138	318945	22.934 ng/ul	93
49) Acenaphthene	15.23	153	1443910	19.404 ng/ul	98
50) 2,4-Dinitrophenol	15.26	184	139172	23.357 ng/ul#	1
52) 4-Nitrophenol	15.34	109	205630	18.841 ng/ul#	86
53) Dibenzofuran	15.56	168	1967787	19.271 ng/ul	96
54) 2,4-Dinitrotoluene	15.50	165	438642	22.070 ng/ul#	86
55) 2,3,4,6-Tetrachlorophenol	15.77	232	381892	20.299 ng/ul	98
56) Diethylphthalate	15.94	149	1575712	18.476 ng/ul	99
58) Fluorene	16.20	166	1555436	18.700 ng/ul	99
59) 4-Chlorophenyl-phenylether	16.18	204	789147	18.524 ng/ul	92
60) 4-Nitroaniline	16.20	138	300428	19.124 ng/ul	90
63) 4,6-Dinitro-2-methylphenol	16.25	198	224010	22.342 ng/ul#	95
64) N-Nitrosodiphenylamine	16.39	169	1301617	20.022 ng/ul	100
65) 4-Bromophenyl-phenylether	17.06	248	469836	19.260 ng/ul	93
66) Hexachlorobenzene	17.19	284	526377	19.297 ng/ul	90
67) Atrazine	17.31	200	419907	18.544 ng/ul	98
68) Pentachlorophenol	17.52	266	284902	19.875 ng/ul	98
69) Phenanthrene	17.92	178	2254873	19.341 ng/ul	99
71) Anthracene	18.01	178	2305956	19.427 ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.99	216	695208	20.839 ng/uL	98
73) Pentachlorobenzene	15.47	250	660870	20.563 ng/uL	99
74) Carbazole	18.27	167	1896224	19.297 ng/ul	99
75) Di-n-butylphthalate	18.79	149	2325214	19.060 ng/ul	99
76) Fluoranthene	19.88	202	2274266	18.862 ng/ul	97
79) Pyrene	20.24	202	2279353	21.285 ng/ul	99
80) Butylbenzylphthalate	21.07	149	876986	23.399 ng/ul	95
81) 3,3'-Dichlorobenzidine	21.86	252	667325	21.512 ng/ul	100
82) Benzo(a)anthracene	21.94	228	1993224	19.833 ng/ul	100
83) Bis(2-ethylhexyl)phthalate	21.83	149	1205065	21.560 ng/ul	99
84) Chrysene	22.00	228	1851450	19.725 ng/ul	100
86) Di-n-octyl phthalate	22.79	149	1878594	20.303 ng/ul#	88
87) Benzo(b)fluoranthene	23.70	252	1871593	19.774 ng/ul	99
88) Benzo(k)fluoranthene	23.76	252	1734275	19.040 ng/ul	99
90) Benzo(a)pyrene	24.36	252	1725503	19.478 ng/ul	98
91) Indeno(1,2,3-cd)pyrene	27.08	276	2022255	20.355 ng/ul	97
92) Dibenzo(a,h)anthracene	27.09	278	1704241	20.456 ng/ul	99
93) Benzo(g,h,i)perylene	27.89	276	1663654	20.597 ng/ul	98

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

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