Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM041018\
Data File : BM014691.D
Acq On : 10 Apr 2018 17:21
Operator : SJ/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02075

Quant Time: Apr 10 17:58:23 2018
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032818MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Apr 10 01:36:38 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.57	152	425116	20.00	ng/ul	0.00
18) Naphthalene-d8	11.42	136	1822720	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.17	164	1017281	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.88	188	2125103	20.00	ng/ul	0.00
77) Chrysene-d12	21.97	240	1809024	20.00	ng/ul	0.00
85) Perylene-d12	24.48	264	1548694	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.69	96	77229	8.74	ng/uL	0.00
5) Phenol-d5	7.69	99	697336	20.57	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.87	67	449652	21.08	ng/ul	0.00
9) 2-Chlorophenol-d4	8.09	132	572530	20.47	ng/ul	0.00
13) 4-Methylphenol-d8	9.27	113	574975	20.76	ng/ul	0.00
19) Nitrobenzene-d5	9.75	128	266804	22.76	ng/ul	0.00
22) 2-Nitrophenol-d4	10.49	143	243229	23.09	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	11.02	165	550914	20.47	ng/ul	0.00
29) 4-Chloroaniline-d4	11.54	131	748494	24.60	ng/ul	0.00
43) Dimethylphthalate-d6	14.56	166	1630134	20.28	ng/ul	0.00
46) Acenaphthylene-d8	14.87	160	2077619	20.35	ng/ul	0.00
51) 4-Nitrophenol-d4	15.32	143	279752	21.45	ng/ul	0.00
57) Fluorene-d10	16.14	176	1418583	20.52	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.24	200	191712	21.13	ng/ul	0.00
70) Anthracene-d10	17.98	188	2074842	20.73	ng/ul	0.00
78) Pyrene-d10	20.21	212	2027108	22.08	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.31	264	1569108	20.63	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.73	88	80123	8.421	ng/uL	98
4) Benzaldehyde	7.69	77	444650	22.940	ng/ul	94
6) Phenol	7.72	94	697109	21.056	ng/ul	93
8) Bis(2-Chloroethyl)ether	7.97	93	551252	21.066	ng/ul#	87
10) 2-Chlorophenol	8.12	128	563718	20.408	ng/ul#	91
11) 2-Methylphenol	9.00	108	515431	20.445	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	9.10	45	1033277	21.303	ng/ul#	82
14) Acetophenone	9.40	105	872950	21.308	ng/ul#	88
15) N-Nitroso-di-n-propylamine	9.38	70	445111	20.307	ng/ul#	75
16) 4-Methylphenol	9.33	108	561756	20.733	ng/ul	98
17) Hexachloroethane	9.68	117	227368	20.312	ng/ul	95
20) Nitrobenzene	9.80	77	661052	22.114	ng/ul	94
21) Isophorone	10.32	82	1156502	19.814	ng/ul	99
23) 2-Nitrophenol	10.52	139	277208	22.588	ng/ul	90
24) 2,4-Dimethylphenol	10.55	107	640120	20.645	ng/ul	99
25) Bis(2-Chloroethoxy)methane	10.80	93	743853	20.712	ng/ul	99
27) 2,4-Dichlorophenol	11.05	162	521771	20.664	ng/ul	98
28) Naphthalene	11.47	128	1837510	20.679	ng/ul	100
30) 4-Chloroaniline	11.56	127	719634	24.744	ng/ul	100
31) Hexachlorobutadiene	11.75	225	335253	19.893	ng/ul	99
32) Caprolactam	12.30	113	148591	19.655	ng/ul#	49
33) 4-Chloro-3-methylphenol	12.64	107	555995	20.698	ng/ul	96
34) 2-Methylnaphthalene	13.04	142	1316473	20.768	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	649721	20.120	ng/ul	100
37) Hexachlorocyclopentadiene	13.37	237	432904	20.117	ng/ul	99
38) 2,4,6-Trichlorophenol	13.62	196	393685	20.526	ng/ul	98
39) 2,4,5-Trichlorophenol	13.69	196	429654	21.385	ng/ul	99
40) 1,1'-Biphenyl	14.02	154	1682542	20.653	ng/ul	98
41) 2-Chloronaphthalene	14.07	162	1313925	20.812	ng/ul	96
42) 2-Nitroaniline	14.25	65	356380	24.226	ng/ul#	82
44) Dimethylphthalate	14.60	163	1580319	20.405	ng/ul	99
45) 2,6-Dinitrotoluene	14.73	165	298925	23.898	ng/ul	95
47) Acenaphthylene	14.90	152	2006734	20.724	ng/ul	99
48) 3-Nitroaniline	15.06	138	308355	24.404	ng/ul	94
49) Acenaphthene	15.23	153	1404965	20.781	ng/ul	99
50) 2,4-Dinitrophenol	15.26	184	120696	22.296	ng/ul#	4
52) 4-Nitrophenol	15.33	109	217461	21.931	ng/ul#	88
53) Dibenzofuran	15.56	168	1929338	20.796	ng/ul	97
54) 2,4-Dinitrotoluene	15.50	165	433484	24.007	ng/ul#	88
55) 2,3,4,6-Tetrachlorophenol	15.77	232	357140	20.895	ng/ul	96
56) Diethylphthalate	15.94	149	1580062	20.392	ng/ul	99
58) Fluorene	16.20	166	1569638	20.770	ng/ul	100
59) 4-Chlorophenyl-phenylether	16.19	204	790481	20.423	ng/ul	92
60) 4-Nitroaniline	16.20	138	312207	21.875	ng/ul	94
63) 4,6-Dinitro-2-methylphenol	16.26	198	205312	20.967	ng/ul	98
64) N-Nitrosodiphenylamine	16.39	169	1314742	20.708	ng/ul	99
65) 4-Bromophenyl-phenylether	17.07	248	472886	19.849	ng/ul	91
66) Hexachlorobenzene	17.19	284	538667	20.221	ng/ul#	90
67) Atrazine	17.31	200	444385	20.095	ng/ul	98
68) Pentachlorophenol	17.52	266	268072	19.148	ng/ul	99
69) Phenanthrene	17.92	178	2368518	20.803	ng/ul	99
71) Anthracene	18.02	178	2412162	20.808	ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.99	216	660183	20.263	ng/uL	98
73) Pentachlorobenzene	15.48	250	644441	20.532	ng/uL	100
74) Carbazole	18.27	167	2039117	21.248	ng/ul	99
75) Di-n-butylphthalate	18.79	149	2392114	20.078	ng/ul	100
76) Fluoranthene	19.89	202	2474814	21.017	ng/ul	100
79) Pyrene	20.24	202	2513932	22.243	ng/ul	98
80) Butylbenzylphthalate	21.08	149	844228	21.341	ng/ul	95
81) 3,3'-Dichlorobenzidine	21.87	252	715815	21.862	ng/ul	99
82) Benzo(a)anthracene	21.95	228	2185560	20.604	ng/ul	100
83) Bis(2-ethylhexyl)phthalate	21.83	149	1107310	18.771	ng/ul	98
84) Chrysene	22.00	228	2039941	20.592	ng/ul	99
86) Di-n-octyl phthalate	22.80	149	1633946	17.989	ng/ul#	88
87) Benzo(b)fluoranthene	23.71	252	1915747	20.619	ng/ul	100
88) Benzo(k)fluoranthene	23.76	252	1895699	21.202	ng/ul	99
90) Benzo(a)pyrene	24.37	252	1804084	20.746	ng/ul	100
91) Indeno(1,2,3-cd)pyrene	27.09	276	2035054	20.867	ng/ul	97
92) Dibenzo(a,h)anthracene	27.10	278	1716360	20.988	ng/ul	99
93) Benzo(g,h,i)perylene	27.89	276	1659825	20.934	ng/ul	98

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

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