Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM060717\
Data File : BM010426.D
Acq On : 07 Jun 2017 09:10
Operator : SJ/MA
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Jun 08 01:16:22 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jun 07 18:36:03 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	246695	20.00	ng/ul	0.00
18) Naphthalene-d8	10.72	136	863033	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.54	164	552165	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.29	188	1285439	20.00	ng/ul	0.00
75) Chrysene-d12	21.46	240	1775638	20.00	ng/ul	0.00
83) Perylene-d12	23.80	264	1903392	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.38	96	48196	8.02	ng/uL	0.00
5) Phenol-d5	7.10	99	348088	18.62	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.25	67	186616	17.76	ng/ul	0.00
9) 2-Chlorophenol-d4	7.45	132	304387	20.43	ng/ul	0.00
13) 4-Methylphenol-d8	8.64	113	272696	18.08	ng/ul	0.00
19) Nitrobenzene-d5	9.09	128	128995	20.40	ng/ul	0.00
22) 2-Nitrophenol-d4	9.80	143	159241	21.75	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.34	165	335028	22.27	ng/ul	0.00
29) 4-Chloroaniline-d4	10.88	131	338037	23.29	ng/ul	0.00
43) Dimethylphthalate-d6	13.96	166	950216	20.71	ng/ul	0.00
46) Acenaphthylene-d8	14.24	160	1103523	20.62	ng/ul	0.00
51) 4-Nitrophenol-d4	14.79	143	123379	17.98	ng/ul	0.00
57) Fluorene-d10	15.54	176	834300	20.69	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.66	200	173980	19.11	ng/ul	0.00
70) Anthracene-d10	17.39	188	1279636	20.46	ng/ul	0.00
76) Pyrene-d10	19.68	212	1532767	20.88	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.65	264	1818775	20.52	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.41	88	51667	8.06	ng/uL#	56
4) Benzaldehyde	7.07	77	264037	21.00	ng/ul	95
6) Phenol	7.12	94	353864	18.46	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.35	93	245035	18.42	ng/ul	90
10) 2-Chlorophenol	7.48	128	297759	19.91	ng/ul	93
11) 2-Methylphenol	8.37	108	269177	19.24	ng/ul	92
12) 2,2'-oxybis(1-Chloropropan	8.43	45	98436	16.41	ng/ul#	53
14) Acetophenone	8.75	105	454765	18.48	ng/ul#	92
15) N-Nitroso-di-n-propylamine	8.72	70	246100	20.00	ng/ul#	82
16) 4-Methylphenol	8.70	108	293329	19.12	ng/ul	97
17) Hexachloroethane	8.98	117	143847	21.18	ng/ul	92
20) Nitrobenzene	9.14	77	386189	21.39	ng/ul	99
21) Isophorone	9.65	82	595362	21.43	ng/ul#	93
23) 2-Nitrophenol	9.84	139	161568	20.81	ng/ul	97
24) 2,4-Dimethylphenol	9.89	107	385030	21.33	ng/ul	94
25) Bis(2-Chloroethoxy)methane	10.13	93	312735	20.03	ng/ul#	98
27) 2,4-Dichlorophenol	10.37	162	328745	22.30	ng/ul	94
28) Naphthalene	10.77	128	890182	20.56	ng/ul	99
30) 4-Chloroaniline	10.90	127	317495	22.66	ng/ul	91
31) Hexachlorobutadiene	11.01	225	306040	22.66	ng/ul	94
32) Caprolactam	11.70	113	68453m	18.56	ng/ul	
33) 4-Chloro-3-methylphenol	12.02	107	296579	20.90	ng/ul	97
34) 2-Methylnaphthalene	12.37	142	686747	20.92	ng/ul	95

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.72	216	488153	21.25 ng/ul#	98
37) Hexachlorocyclopentadiene	12.69	237	265019	17.21 ng/ul	98
38) 2,4,6-Trichlorophenol	12.98	196	281629	21.57 ng/ul	97
39) 2,4,5-Trichlorophenol	13.06	196	284598	21.61 ng/ul	95
40) 1,1'-Biphenyl	13.37	154	933159	20.83 ng/ul	100
41) 2-Chloronaphthalene	13.43	162	725404	20.61 ng/ul	97
42) 2-Nitroaniline	13.66	65	193639	21.61 ng/ul	99
44) Dimethylphthalate	14.01	163	922168	20.44 ng/ul	99
45) 2,6-Dinitrotoluene	14.14	165	172844	20.90 ng/ul#	81
47) Acenaphthylene	14.27	152	1094390	20.93 ng/ul	99
48) 3-Nitroaniline	14.49	138	149449	18.76 ng/ul	98
49) Acenaphthene	14.61	153	753449	20.54 ng/ul	93
50) 2,4-Dinitrophenol	14.68	184	116291	18.61 ng/ul	92
52) 4-Nitrophenol	14.80	109	195363	20.77 ng/ul#	83
53) Dibenzofuran	14.94	168	1122770	20.70 ng/ul	97
54) 2,4-Dinitrotoluene	14.93	165	256758	21.14 ng/ul	99
55) 2,3,4,6-Tetrachlorophenol	15.17	232	271337	21.45 ng/ul	95
56) Diethylphthalate	15.36	149	893038	20.46 ng/ul	98
58) Fluorene	15.59	166	914675	20.56 ng/ul	100
59) 4-Chlorophenyl-phenylether	15.58	204	540769	21.27 ng/ul	94
60) 4-Nitroaniline	15.66	138	148057	17.75 ng/ul	86
63) 4,6-Dinitro-2-methylphenol	15.68	198	178940	18.55 ng/ul	96
64) N-Nitrosodiphenylamine	15.80	169	752936	20.09 ng/ul	98
65) 4-Bromophenyl-phenylether	16.48	248	335247	21.20 ng/ul	94
66) Hexachlorobenzene	16.57	284	338443	20.43 ng/ul#	84
67) Atrazine	16.75	200	341091	20.94 ng/ul	96
68) Pentachlorophenol	16.94	266	197919	18.77 ng/ul	95
69) Phenanthrene	17.33	178	1399094	20.39 ng/ul	98
71) Anthracene	17.43	178	1465615	20.46 ng/ul	99
72) Carbazole	17.72	167	1183334	19.51 ng/ul	98
73) Di-n-butylphthalate	18.23	149	1399093	20.44 ng/ul	98
74) Fluoranthene	19.34	202	1789453	21.21 ng/ul#	98
77) Pyrene	19.71	202	1888402	20.64 ng/ul	96
78) Butylbenzylphthalate	20.58	149	662899	20.96 ng/ul	97
79) 3,3'-Dichlorobenzidine	21.39	252	718368	20.61 ng/ul	95
80) Benzo(a)anthracene	21.44	228	2092735	20.90 ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.32	149	994949	21.15 ng/ul	99
82) Chrysene	21.50	228	1851126	20.45 ng/ul	99
84) Di-n-octyl phthalate	22.22	149	1860606	21.24 ng/ul#	94
85) Benzo(b)fluoranthene	23.09	252	2277258	20.56 ng/ul	99
86) Benzo(k)fluoranthene	23.13	252	2146132	20.28 ng/ul	99
88) Benzo(a)pyrene	23.70	252	2232648	20.34 ng/ul	99
89) Indeno(1,2,3-cd)pyrene	26.19	276	2831604	20.42 ng/ul	96
90) Dibenzo(a,h)anthracene	26.20	278	2406611	20.15 ng/ul	99
91) Benzo(g,h,i)perylene	26.94	276	2333199	20.42 ng/ul	99

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

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