Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM030617\
Data File : BM009096.D
Acq On : 07 Mar 2017 00:53
Operator : SJ/MA
Sample : SSTDCCC020EC
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02045

Quant Time: Mar 07 04:29:20 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM022317.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Mar 07 04:22:08 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	140217	20.00	ng/ul	0.00
18) Naphthalene-d8	10.69	136	594100	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.53	164	435819	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.27	188	904843	20.00	ng/ul	0.00
75) Chrysene-d12	21.44	240	1155361	20.00	ng/ul	0.00
83) Perylene-d12	23.79	264	1127329	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.36	96	28730	8.23	ng/uL	0.00
5) Phenol-d5	7.04	99	267149	21.02	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.22	67	201224m	22.11	ng/ul	0.00
9) 2-Chlorophenol-d4	7.42	132	177824	21.00	ng/ul	0.00
13) 4-Methylphenol-d8	8.59	113	195359	20.93	ng/ul	0.00
19) Nitrobenzene-d5	9.05	128	86637	20.38	ng/ul	0.00
22) 2-Nitrophenol-d4	9.77	143	86222	18.80	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.30	165	191059	19.84	ng/ul	0.00
29) 4-Chloroaniline-d4	10.83	131	223727	22.04	ng/ul	0.00
43) Dimethylphthalate-d6	13.93	166	583034	19.87	ng/ul	0.00
46) Acenaphthylene-d8	14.22	160	744718	20.67	ng/ul	0.00
51) 4-Nitrophenol-d4	14.72	143	97899	19.10	ng/ul	0.00
57) Fluorene-d10	15.52	176	564053	20.59	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.63	200	103934	19.09	ng/ul	0.00
70) Anthracene-d10	17.37	188	885755	20.67	ng/ul	0.00
76) Pyrene-d10	19.66	212	1008202	20.02	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.63	264	1047787	20.47	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.39	88	34601	8.48	ng/uL#	77
4) Benzaldehyde	7.03	77	227543	23.82	ng/ul	90
6) Phenol	7.07	94	291554	21.74	ng/ul#	69
8) Bis(2-Chloroethyl)ether	7.31	93	220373	20.95	ng/ul	89
10) 2-Chlorophenol	7.45	128	187049	21.21	ng/ul#	81
11) 2-Methylphenol	8.32	108	197949	21.29	ng/ul	89
12) 2,2'-oxybis(1-Chloropropan	8.42	45	381152	21.98	ng/ul	95
14) Acetophenone	8.71	105	350385	21.68	ng/ul#	75
15) N-Nitroso-di-n-propylamine	8.69	70	208164	21.01	ng/ul#	83
16) 4-Methylphenol	8.65	108	216488	21.42	ng/ul	93
17) Hexachloroethane	8.96	117	89650	20.98	ng/ul#	77
20) Nitrobenzene	9.09	77	310458	20.67	ng/ul	98
21) Isophorone	9.62	82	506957	20.29	ng/ul#	95
23) 2-Nitrophenol	9.80	139	95613	19.36	ng/ul#	67
24) 2,4-Dimethylphenol	9.85	107	262703	20.57	ng/ul	89
25) Bis(2-Chloroethoxy)methane	10.10	93	287045	19.96	ng/ul	95
27) 2,4-Dichlorophenol	10.33	162	194595	20.61	ng/ul	95
28) Naphthalene	10.74	128	615111	20.65	ng/ul	98
30) 4-Chloroaniline	10.85	127	241267	22.46	ng/ul	96
31) Hexachlorobutadiene	11.01	225	158594	20.11	ng/ul	97
32) Caprolactam	11.62	113	51463m	18.19	ng/ul	
33) 4-Chloro-3-methylphenol	11.96	107	222710	20.14	ng/ul#	95
34) 2-Methylnaphthalene	12.35	142	458588	20.61	ng/ul	91

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.71	216	284820	20.09 ng/ul#	95
37) Hexachlorocyclopentadiene	12.69	237	174073	19.06 ng/ul	98
38) 2,4,6-Trichlorophenol	12.96	196	161856	20.01 ng/ul	95
39) 2,4,5-Trichlorophenol	13.02	196	179625	20.35 ng/ul	94
40) 1,1'-Biphenyl	13.36	154	608607	20.25 ng/ul	95
41) 2-Chloronaphthalene	13.40	162	481181	20.54 ng/ul	95
42) 2-Nitroaniline	13.62	65	175898	19.71 ng/ul#	81
44) Dimethylphthalate	13.98	163	576173	19.62 ng/ul	98
45) 2,6-Dinitrotoluene	14.11	165	111907	20.00 ng/ul#	73
47) Acenaphthylene	14.25	152	734435	20.80 ng/ul	99
48) 3-Nitroaniline	14.44	138	116001	21.13 ng/ul#	84
49) Acenaphthene	14.59	153	518960	20.58 ng/ul	99
50) 2,4-Dinitrophenol	14.64	184	61112	16.86 ng/ul	93
52) 4-Nitrophenol	14.73	109	134145	20.44 ng/ul#	76
53) Dibenzofuran	14.93	168	774394	20.96 ng/ul	92
54) 2,4-Dinitrotoluene	14.89	165	163367	19.77 ng/ul#	76
55) 2,3,4,6-Tetrachlorophenol	15.15	232	160309	19.63 ng/ul#	90
56) Diethylphthalate	15.34	149	595694	19.82 ng/ul	97
58) Fluorene	15.57	166	640642	20.83 ng/ul	97
59) 4-Chlorophenyl-phenylether	15.57	204	341457	20.52 ng/ul	95
60) 4-Nitroaniline	15.60	138	126507	20.70 ng/ul#	42
63) 4,6-Dinitro-2-methylphenol	15.65	198	108726	19.01 ng/ul#	84
64) N-Nitrosodiphenylamine	15.78	169	542998	20.56 ng/ul	98
65) 4-Bromophenyl-phenylether	16.46	248	212072	20.55 ng/ul	90
66) Hexachlorobenzene	16.57	284	234269	20.71 ng/ul#	90
67) Atrazine	16.73	200	204905	19.75 ng/ul	97
68) Pentachlorophenol	16.92	266	122924	17.54 ng/ul	87
69) Phenanthrene	17.32	178	1025734	20.51 ng/ul	98
71) Anthracene	17.41	178	1074065	21.05 ng/ul	97
72) Carbazole	17.68	167	930884	20.62 ng/ul	97
73) Di-n-butylphthalate	18.23	149	989425	19.34 ng/ul#	96
74) Fluoranthene	19.33	202	1229777	20.34 ng/ul#	95
77) Pyrene	19.69	202	1300257	20.15 ng/ul#	95
78) Butylbenzylphthalate	20.57	149	437774	18.86 ng/ul	88
79) 3,3'-Dichlorobenzidine	21.36	252	455225	20.58 ng/ul	98
80) Benzo(a)anthracene	21.43	228	1342425	20.37 ng/ul	100
81) Bis(2-ethylhexyl)phthalate	21.34	149	626695	18.62 ng/ul	97
82) Chrysene	21.48	228	1297048	20.70 ng/ul	98
84) Di-n-octyl phthalate	22.24	149	1099703	16.94 ng/ul#	89
85) Benzo(b)fluoranthene	23.07	252	1378768	20.33 ng/ul#	97
86) Benzo(k)fluoranthene	23.12	252	1265286	19.82 ng/ul#	99
88) Benzo(a)pyrene	23.68	252	1304363	20.28 ng/ul#	96
89) Indeno(1,2,3-cd)pyrene	26.17	276	1504280	20.60 ng/ul#	91
90) Dibenzo(a,h)anthracene	26.18	278	1257038	20.21 ng/ul#	93
91) Benzo(g,h,i)perylene	26.90	276	1240808	20.53 ng/ul#	92

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

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