Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM103017\
Data File : BM012600.D
Acq On : 31 Oct 2017 07:09
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02073

Quant Time: Oct 31 08:47:00 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 31 04:46:13 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	391011	20.00	ng/ul	0.00
18) Naphthalene-d8	10.66	136	1442088	20.00	ng/ul	0.01
35) Acenaphthene-d10	14.50	164	817066	20.00	ng/ul	0.01
61) Phenanthrene-d10	17.24	188	1823506	20.00	ng/ul	0.01
75) Chrysene-d12	21.42	240	2312348	20.00	ng/ul	0.01
83) Perylene-d12	23.72	264	2627767	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.35	96	66773	8.72	ng/uL	0.00
5) Phenol-d5	7.03	99	576230	17.64	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.19	67	340723	17.57	ng/ul	0.00
9) 2-Chlorophenol-d4	7.40	132	466695	19.08	ng/ul	0.00
13) 4-Methylphenol-d8	8.57	113	465166	16.66	ng/ul	0.00
19) Nitrobenzene-d5	9.02	128	215149	23.82	ng/ul	0.00
22) 2-Nitrophenol-d4	9.74	143	242596	26.07	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.28	165	483765	19.63	ng/ul	0.01
29) 4-Chloroaniline-d4	10.79	131	545839	21.00	ng/ul	0.00
43) Dimethylphthalate-d6	13.90	166	1271413	17.81	ng/ul	0.00
46) Acenaphthylene-d8	14.19	160	1653086	19.58	ng/ul	0.00
51) 4-Nitrophenol-d4	14.70	143	210662	19.85	ng/ul	0.02
57) Fluorene-d10	15.49	176	1104525	18.28	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.62	200	109407	12.40	ng/ul	0.02
70) Anthracene-d10	17.34	188	1696216	19.52	ng/ul	0.01
76) Pyrene-d10	19.63	212	1891564	17.83	ng/ul	0.01
87) Benzo(a)pyrene-d12	23.57	264	2377716	19.05	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.39	88	71094	8.696	ng/uL#	63
4) Benzaldehyde	7.00	77	388884	21.895	ng/ul	92
6) Phenol	7.06	94	595947	17.523	ng/ul#	80
8) Bis(2-Chloroethyl)ether	7.29	93	443148	17.718	ng/ul	97
10) 2-Chlorophenol	7.43	128	482122	19.257	ng/ul	99
11) 2-Methylphenol	8.30	108	427262	16.662	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.40	45	483351	17.589	ng/ul#	82
14) Acetophenone	8.68	105	691758	15.771	ng/ul	91
15) N-Nitroso-di-n-propylamine	8.67	70	367793	15.365	ng/ul#	64
16) 4-Methylphenol	8.63	108	453683	16.164	ng/ul	87
17) Hexachloroethane	8.94	117	185276	17.463	ng/ul	90
20) Nitrobenzene	9.06	77	536316	20.614	ng/ul	93
21) Isophorone	9.59	82	946645	17.193	ng/ul#	93
23) 2-Nitrophenol	9.77	139	256045	24.766	ng/ul#	76
24) 2,4-Dimethylphenol	9.83	107	521048	17.914	ng/ul#	88
25) Bis(2-Chloroethoxy)methane	10.06	93	563478	18.211	ng/ul	96
27) 2,4-Dichlorophenol	10.31	162	466916	19.418	ng/ul	90
28) Naphthalene	10.70	128	1401817	19.605	ng/ul	99
30) 4-Chloroaniline	10.82	127	548425	20.955	ng/ul	92
31) Hexachlorobutadiene	10.99	225	356148	19.306	ng/ul	95
32) Caprolactam	11.59	113	132128	16.967	ng/ul#	42
33) 4-Chloro-3-methylphenol	11.95	107	456976	16.916	ng/ul	97
34) 2-Methylnaphthalene	12.32	142	1020658	17.577	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.69	216	597461	20.649 ng/ul	97
37) Hexachlorocyclopentadiene	12.66	237	90395	4.838 ng/ul	98
38) 2,4,6-Trichlorophenol	12.93	196	386413	22.302 ng/ul	94
39) 2,4,5-Trichlorophenol	13.00	196	401896	21.884 ng/ul	98
40) 1,1'-Biphenyl	13.33	154	1311183	20.115 ng/ul	99
41) 2-Chloronaphthalene	13.37	162	1041622	20.370 ng/ul	99
42) 2-Nitroaniline	13.57	65	287388	24.167 ng/ul	92
44) Dimethylphthalate	13.95	163	1251454	17.725 ng/ul	99
45) 2,6-Dinitrotoluene	14.07	165	261489	23.306 ng/ul	91
47) Acenaphthylene	14.22	152	1588152	19.709 ng/ul	99
48) 3-Nitroaniline	14.40	138	261912	24.912 ng/ul	93
49) Acenaphthene	14.56	153	1060739	19.218 ng/ul	99
50) 2,4-Dinitrophenol	14.62	184	59176	9.396 ng/ul	90
52) 4-Nitrophenol	14.72	109	186754	17.347 ng/ul	79
53) Dibenzofuran	14.89	168	1522995	18.646 ng/ul	97
54) 2,4-Dinitrotoluene	14.87	165	370546	22.050 ng/ul#	80
55) 2,3,4,6-Tetrachlorophenol	15.13	232	357553	21.036 ng/ul	97
56) Diethylphthalate	15.32	149	1212553	16.846 ng/ul	97
58) Fluorene	15.55	166	1251611	18.118 ng/ul	99
59) 4-Chlorophenyl-phenylether	15.53	204	663306	17.647 ng/ul	99
60) 4-Nitroaniline	15.56	138	282484	21.434 ng/ul	88
63) 4,6-Dinitro-2-methylphenol	15.63	198	113740	11.718 ng/ul	91
64) N-Nitrosodiphenylamine	15.75	169	1060946	20.021 ng/ul	99
65) 4-Bromophenyl-phenylether	16.43	248	435795	19.950 ng/ul	97
66) Hexachlorobenzene	16.55	284	485244	20.082 ng/ul	98
67) Atrazine	16.70	200	417631	18.327 ng/ul	93
68) Pentachlorophenol	16.90	266	265431	20.085 ng/ul	97
69) Phenanthrene	17.28	178	1902201	19.290 ng/ul	99
71) Anthracene	17.37	178	1989771	19.522 ng/ul	98
72) Carbazole	17.64	167	1715500	20.319 ng/ul	99
73) Di-n-butylphthalate	18.20	149	2040358	18.951 ng/ul#	97
74) Fluoranthene	19.29	202	2364679	21.162 ng/ul#	93
77) Pyrene	19.66	202	2465811	18.752 ng/ul#	93
78) Butylbenzylphthalate	20.54	149	985706	19.026 ng/ul	91
79) 3,3'-Dichlorobenzidine	21.33	252	1033267	20.361 ng/ul#	94
80) Benzo(a)anthracene	21.40	228	2715011	19.608 ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.32	149	1456500	18.478 ng/ul	97
82) Chrysene	21.45	228	2439897	19.818 ng/ul	98
84) Di-n-octyl phthalate	22.22	149	2616180	19.194 ng/ul#	87
85) Benzo(b)fluoranthene	23.02	252	2996725	18.448 ng/ul#	97
86) Benzo(k)fluoranthene	23.07	252	2898239	18.957 ng/ul#	95
88) Benzo(a)pyrene	23.62	252	2914943	18.821 ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	26.07	276	3625829	19.892 ng/ul#	93
90) Dibenzo(a,h)anthracene	26.07	278	3064061	19.828 ng/ul#	93
91) Benzo(g,h,i)perylene	26.79	276	3007659	20.360 ng/ul#	95

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

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