Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM102417\
Data File : BM012436.D
Acq On : 25 Oct 2017 05:12
Operator : SJ/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02057

Quant Time: Oct 25 06:49:40 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 25 00:51:00 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	264087	20.00	ng/ul	0.00
18) Naphthalene-d8	10.67	136	1191230	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.51	164	848160	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.24	188	2252542	20.00	ng/ul	0.00
75) Chrysene-d12	21.41	240	3140144	20.00	ng/ul	0.00
83) Perylene-d12	23.73	264	3390414	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.36	96	41889	8.10	ng/uL	0.00
5) Phenol-d5	7.05	99	439312	19.91	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.21	67	253046	19.32	ng/ul	0.00
9) 2-Chlorophenol-d4	7.42	132	329293	19.93	ng/ul	0.00
13) 4-Methylphenol-d8	8.59	113	384080	20.37	ng/ul	0.00
19) Nitrobenzene-d5	9.03	128	158026	21.18	ng/ul	0.00
22) 2-Nitrophenol-d4	9.75	143	165990	21.60	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.29	165	411767	20.23	ng/ul	0.00
29) 4-Chloroaniline-d4	10.80	131	482597	22.48	ng/ul	0.00
43) Dimethylphthalate-d6	13.92	166	1376490	18.58	ng/ul	0.00
46) Acenaphthylene-d8	14.20	160	1621844	18.51	ng/ul	0.00
51) 4-Nitrophenol-d4	14.70	143	197196	17.90	ng/ul	0.00
57) Fluorene-d10	15.50	176	1179535	18.81	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.61	200	112606	10.33	ng/ul	0.00
70) Anthracene-d10	17.34	188	2018233	18.80	ng/ul	0.00
76) Pyrene-d10	19.63	212	2477034	17.19	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.57	264	2964368	18.40	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.40	88	44103	7.988	ng/uL#	63
4) Benzaldehyde	7.02	77	293751	24.487	ng/ul	95
6) Phenol	7.07	94	459203	19.991	ng/ul#	86
8) Bis(2-Chloroethyl)ether	7.30	93	323980	19.179	ng/ul	97
10) 2-Chlorophenol	7.45	128	339123	20.055	ng/ul	97
11) 2-Methylphenol	8.32	108	336963	19.456	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.42	45	363828	19.603	ng/ul#	77
14) Acetophenone	8.70	105	577471	19.493	ng/ul	95
15) N-Nitroso-di-n-propylamine	8.69	70	315176	19.495	ng/ul#	65
16) 4-Methylphenol	8.65	108	383426	20.227	ng/ul	91
17) Hexachloroethane	8.96	117	129654	18.094	ng/ul	87
20) Nitrobenzene	9.07	77	445213	20.716	ng/ul	98
21) Isophorone	9.60	82	850264	18.695	ng/ul	95
23) 2-Nitrophenol	9.79	139	181730	21.279	ng/ul#	85
24) 2,4-Dimethylphenol	9.85	107	464451	19.331	ng/ul	94
25) Bis(2-Chloroethoxy)methane	10.08	93	490641	19.196	ng/ul	95
27) 2,4-Dichlorophenol	10.32	162	406506	20.466	ng/ul#	92
28) Naphthalene	10.72	128	1120952	18.978	ng/ul	100
30) 4-Chloroaniline	10.83	127	491876	22.752	ng/ul	92
31) Hexachlorobutadiene	11.02	225	279275	18.327	ng/ul	95
32) Caprolactam	11.59	113	148362	23.063	ng/ul#	43
33) 4-Chloro-3-methylphenol	11.96	107	460742	20.647	ng/ul	99
34) 2-Methylnaphthalene	12.33	142	915675	19.090	ng/ul	97

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36) 1,2,4,5-Tetrachlorobenzene	12.70	216	540037	17.980	ng/ul	95
37) Hexachlorocyclopentadiene	12.69	237	253481	13.069	ng/ul	96
38) 2,4,6-Trichlorophenol	12.94	196	370988	20.627	ng/ul	96
39) 2,4,5-Trichlorophenol	13.01	196	408265	21.416	ng/ul	97
40) 1,1'-Biphenyl	13.34	154	1250843	18.485	ng/ul	99
41) 2-Chloronaphthalene	13.38	162	1004498	18.924	ng/ul	99
42) 2-Nitroaniline	13.58	65	291722	23.632	ng/ul	99
44) Dimethylphthalate	13.96	163	1367640	18.660	ng/ul	100
45) 2,6-Dinitrotoluene	14.08	165	257042	22.069	ng/ul	95
47) Acenaphthylene	14.23	152	1588929	18.995	ng/ul	99
48) 3-Nitroaniline	14.41	138	259988	23.823	ng/ul	92
49) Acenaphthene	14.57	153	1070634	18.686	ng/ul	99
50) 2,4-Dinitrophenol	14.61	184	44206	6.761	ng/ul	95
52) 4-Nitrophenol	14.72	109	209514	18.748	ng/ul	84
53) Dibenzofuran	14.90	168	1608611	18.973	ng/ul	99
54) 2,4-Dinitrotoluene	14.86	165	379416	21.750	ng/ul	87
55) 2,3,4,6-Tetrachlorophenol	15.13	232	376667	21.348	ng/ul	95
56) Diethylphthalate	15.33	149	1394265	18.660	ng/ul	95
58) Fluorene	15.56	166	1366783	19.060	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.55	204	730653	18.726	ng/ul	97
60) 4-Nitroaniline	15.57	138	312338	22.830	ng/ul	96
63) 4,6-Dinitro-2-methylphenol	15.63	198	123851	10.330	ng/ul#	87
64) N-Nitrosodiphenylamine	15.76	169	1201413	18.353	ng/ul	100
65) 4-Bromophenyl-phenylether	16.44	248	482533	17.882	ng/ul	99
66) Hexachlorobenzene	16.56	284	531397	17.803	ng/ul#	92
67) Atrazine	16.71	200	511125	18.157	ng/ul	94
68) Pentachlorophenol	16.90	266	276698	16.950	ng/ul	99
69) Phenanthrene	17.29	178	2287019	18.775	ng/ul	99
71) Anthracene	17.38	178	2392295	19.001	ng/ul	99
72) Carbazole	17.65	167	2179441	20.898	ng/ul	100
73) Di-n-butylphthalate	18.22	149	2497703	18.780	ng/ul	98
74) Fluoranthene	19.30	202	3024814	21.914	ng/ul#	94
77) Pyrene	19.66	202	3197593	17.907	ng/ul#	94
78) Butylbenzylphthalate	20.56	149	1253972	17.824	ng/ul	93
79) 3,3'-Dichlorobenzidine	21.33	252	1161913	16.860	ng/ul#	97
80) Benzo(a)anthracene	21.40	228	3612947	19.214	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.34	149	1944078	18.162	ng/ul	99
82) Chrysene	21.46	228	3244603	19.407	ng/ul	99
84) Di-n-octyl phthalate	22.24	149	3273623	18.615	ng/ul	99
85) Benzo(b)fluoranthene	23.03	252	3907996	18.646	ng/ul#	99
86) Benzo(k)fluoranthene	23.07	252	3737076	18.945	ng/ul#	98
88) Benzo(a)pyrene	23.62	252	3734731	18.690	ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	26.06	276	4197178	17.847	ng/ul#	97
90) Dibenzo(a,h)anthracene	26.07	278	3535049	17.730	ng/ul#	97
91) Benzo(g,h,i)perylene	26.78	276	3410384	17.893	ng/ul#	97

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

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