Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM050318\
Data File : BM014943.D
Acq On : 03 May 2018 15:06
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02015

Quant Time: May 04 02:30:27 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu May 03 06:51:06 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.49	152	305050	20.00	ng/ul	0.00
18) Naphthalene-d8	11.33	136	1291671	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.10	164	664129	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.81	188	1325678	20.00	ng/ul	0.00
75) Chrysene-d12	21.90	240	1121570	20.00	ng/ul	0.00
83) Perylene-d12	24.37	264	1062777	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.64	96	58149	8.32	ng/uL	0.00
5) Phenol-d5	7.62	99	513146	21.76	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.79	67	354311	23.43	ng/ul	0.00
9) 2-Chlorophenol-d4	8.01	132	419567	21.27	ng/ul	0.00
13) 4-Methylphenol-d8	9.19	113	412269	21.92	ng/ul	0.00
19) Nitrobenzene-d5	9.67	128	193095	20.68	ng/ul	0.00
22) 2-Nitrophenol-d4	10.40	143	193002	20.75	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.94	165	372575	19.72	ng/ul	0.00
29) 4-Chloroaniline-d4	11.46	131	503340	26.99	ng/ul	0.00
43) Dimethylphthalate-d6	14.49	166	1050484	20.26	ng/ul	0.00
46) Acenaphthylene-d8	14.80	160	1310676	20.47	ng/ul	0.00
51) 4-Nitrophenol-d4	15.26	143	179651	18.67	ng/ul	0.00
57) Fluorene-d10	16.07	176	886944	19.67	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.17	200	128830	17.96	ng/ul	0.00
70) Anthracene-d10	17.91	188	1249854	20.23	ng/ul	0.00
76) Pyrene-d10	20.14	212	1183670	22.31	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.22	264	1051856	20.15	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.68	88	61443	8.358	ng/uL#	83
4) Benzaldehyde	7.61	77	332741	26.823	ng/ul	92
6) Phenol	7.65	94	518749	22.357	ng/ul#	81
8) Bis(2-Chloroethyl)ether	7.89	93	415948	22.419	ng/ul#	87
10) 2-Chlorophenol	8.05	128	412901	21.253	ng/ul	94
11) 2-Methylphenol	8.93	108	372539	21.844	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	9.02	45	839096	24.464	ng/ul	98
14) Acetophenone	9.33	105	619459	22.479	ng/ul	88
15) N-Nitroso-di-n-propylamine	9.30	70	329225	23.021	ng/ul#	82
16) 4-Methylphenol	9.26	108	403717	21.998	ng/ul	94
17) Hexachloroethane	9.59	117	168478	21.201	ng/ul#	62
20) Nitrobenzene	9.72	77	486424	21.804	ng/ul	94
21) Isophorone	10.24	82	821019	21.520	ng/ul#	94
23) 2-Nitrophenol	10.43	139	212762	21.059	ng/ul#	77
24) 2,4-Dimethylphenol	10.47	107	451794	21.167	ng/ul#	84
25) Bis(2-Chloroethoxy)methane	10.72	93	541519	21.114	ng/ul	95
27) 2,4-Dichlorophenol	10.97	162	359373	19.919	ng/ul#	89
28) Naphthalene	11.39	128	1274815	20.253	ng/ul	100
30) 4-Chloroaniline	11.49	127	479082	26.462	ng/ul	98
31) Hexachlorobutadiene	11.65	225	213576	18.397	ng/ul	96
32) Caprolactam	12.24	113	102132	19.648	ng/ul#	72
33) 4-Chloro-3-methylphenol	12.57	107	384970	21.095	ng/ul	95
34) 2-Methylnaphthalene	12.96	142	867563	19.848	ng/ul	97

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36) 1,2,4,5-Tetrachlorobenzene	13.32	216	392221	18.839 ng/ul#	96
37) Hexachlorocyclopentadiene	13.29	237	241031	16.805 ng/ul	99
38) 2,4,6-Trichlorophenol	13.55	196	257317	20.010 ng/ul	98
39) 2,4,5-Trichlorophenol	13.62	196	272760	19.859 ng/ul	98
40) 1,1'-Biphenyl	13.94	154	1093326	20.472 ng/ul#	98
41) 2-Chloronaphthalene	13.99	162	844330	20.359 ng/ul	97
42) 2-Nitroaniline	14.18	65	254959	23.231 ng/ul	98
44) Dimethylphthalate	14.53	163	1015356	20.260 ng/ul	99
45) 2,6-Dinitrotoluene	14.66	165	192548	20.948 ng/ul#	94
47) Acenaphthylene	14.83	152	1294408	20.870 ng/ul	99
48) 3-Nitroaniline	14.99	138	198876	21.988 ng/ul	91
49) Acenaphthene	15.16	153	895955	20.327 ng/ul	99
50) 2,4-Dinitrophenol	15.19	184	74491	14.596 ng/ul#	88
52) 4-Nitrophenol	15.27	109	140184	20.217 ng/ul#	86
53) Dibenzofuran	15.49	168	1233010	20.145 ng/ul	99
54) 2,4-Dinitrotoluene	15.44	165	273812	20.219 ng/ul	89
55) 2,3,4,6-Tetrachlorophenol	15.70	232	220120	18.888 ng/ul#	81
56) Diethylphthalate	15.87	149	1015968	20.139 ng/ul	94
58) Fluorene	16.13	166	975009	19.728 ng/ul	99
59) 4-Chlorophenyl-phenylether	16.11	204	468161	18.925 ng/ul	90
60) 4-Nitroaniline	16.14	138	199784	18.934 ng/ul#	82
63) 4,6-Dinitro-2-methylphenol	16.19	198	133839	17.956 ng/ul	99
64) N-Nitrosodiphenylamine	16.32	169	813409	21.158 ng/ul	99
65) 4-Bromophenyl-phenylether	17.00	248	280994	20.069 ng/ul	93
66) Hexachlorobenzene	17.12	284	330503	20.317 ng/ul#	91
67) Atrazine	17.24	200	267561	21.795 ng/ul#	94
68) Pentachlorophenol	17.46	266	168565	18.220 ng/ul	99
69) Phenanthrene	17.85	178	1442533	20.262 ng/ul	99
71) Anthracene	17.94	178	1467840	20.315 ng/ul	98
72) Carbazole	18.20	167	1256681	20.388 ng/ul	98
73) Di-n-butylphthalate	18.72	149	1591837	21.238 ng/ul#	97
74) Fluoranthene	19.82	202	1467384	18.905 ng/ul#	79
77) Pyrene	20.17	202	1481266	22.604 ng/ul#	76
78) Butylbenzylphthalate	21.02	149	641923	24.011 ng/ul#	91
79) 3,3'-Dichlorobenzidine	21.80	252	458533	21.429 ng/ul#	95
80) Benzo(a)anthracene	21.88	228	1310305	19.978 ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.76	149	917247	23.374 ng/ul#	95
82) Chrysene	21.94	228	1229925	20.032 ng/ul	99
84) Di-n-octyl phthalate	22.71	149	1449566	23.714 ng/ul#	90
85) Benzo(b)fluoranthene	23.62	252	1228479	19.609 ng/ul#	96
86) Benzo(k)fluoranthene	23.67	252	1234019	20.484 ng/ul#	95
88) Benzo(a)pyrene	24.26	252	1168032	19.654 ng/ul#	95
89) Indeno(1,2,3-cd)pyrene	26.93	276	1407277	19.574 ng/ul#	86
90) Dibenzo(a,h)anthracene	26.94	278	1187612	19.619 ng/ul#	91
91) Benzo(g,h,i)perylene	27.73	276	1155492	19.536 ng/ul#	88

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

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