Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042018\
Data File : BM014754.D
Acq On : 20 Apr 2018 09:06
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02090

Quant Time: Apr 20 15:46:28 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Apr 20 01:26:25 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.55	152	319026	20.00	ng/ul	0.00
18) Naphthalene-d8	11.39	136	1340997	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.14	164	714232	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.86	188	1520736	20.00	ng/ul	0.00
75) Chrysene-d12	21.94	240	1525457	20.00	ng/ul	0.00
83) Perylene-d12	24.44	264	1538356	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.67	96	59595	8.16	ng/uL	0.00
5) Phenol-d5	7.66	99	536422	21.75	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.85	67	353161	22.33	ng/ul	0.00
9) 2-Chlorophenol-d4	8.06	132	447782	21.70	ng/ul	0.00
13) 4-Methylphenol-d8	9.24	113	430172	21.87	ng/ul	0.00
19) Nitrobenzene-d5	9.72	128	206622	21.31	ng/ul	0.00
22) 2-Nitrophenol-d4	10.46	143	204848	21.22	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.99	165	413815	21.10	ng/ul	0.00
29) 4-Chloroaniline-d4	11.51	131	536502	27.71	ng/ul	0.00
43) Dimethylphthalate-d6	14.53	166	1162529	20.85	ng/ul	0.00
46) Acenaphthylene-d8	14.84	160	1470076	21.35	ng/ul	0.00
51) 4-Nitrophenol-d4	15.30	143	212646	20.55	ng/ul	0.00
57) Fluorene-d10	16.12	176	1004411	20.71	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.22	200	151604	18.42	ng/ul	0.00
70) Anthracene-d10	17.95	188	1483789	20.94	ng/ul	0.00
76) Pyrene-d10	20.19	212	1536571	21.29	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.27	264	1574746	20.84	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.71	88	63091	8.207	ng/uL#	80
4) Benzaldehyde	7.66	77	344200	26.531	ng/ul	91
6) Phenol	7.69	94	534082	22.010	ng/ul#	79
8) Bis(2-Chloroethyl)ether	7.94	93	429386	22.129	ng/ul	92
10) 2-Chlorophenol	8.09	128	440394	21.675	ng/ul	95
11) 2-Methylphenol	8.97	108	390902	21.917	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	9.06	45	824536	22.986	ng/ul#	96
14) Acetophenone	9.37	105	648483	22.501	ng/ul	88
15) N-Nitroso-di-n-propylamine	9.35	70	333715	22.313	ng/ul#	81
16) 4-Methylphenol	9.30	108	421418	21.957	ng/ul	92
17) Hexachloroethane	9.65	117	181616	21.853	ng/ul#	70
20) Nitrobenzene	9.77	77	496259	21.427	ng/ul	92
21) Isophorone	10.29	82	862856	21.785	ng/ul#	93
23) 2-Nitrophenol	10.49	139	225371	21.487	ng/ul#	76
24) 2,4-Dimethylphenol	10.53	107	468345	21.135	ng/ul#	83
25) Bis(2-Chloroethoxy)methane	10.76	93	562868	21.139	ng/ul	95
27) 2,4-Dichlorophenol	11.02	162	392373	20.948	ng/ul#	91
28) Naphthalene	11.44	128	1376350	21.062	ng/ul	100
30) 4-Chloroaniline	11.53	127	521279	27.733	ng/ul	94
31) Hexachlorobutadiene	11.71	225	243428	20.197	ng/ul	95
32) Caprolactam	12.29	113	113881	21.102	ng/ul#	65
33) 4-Chloro-3-methylphenol	12.62	107	408331	21.552	ng/ul	93
34) 2-Methylnaphthalene	13.01	142	950277	20.941	ng/ul	96

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.36	216	463828	20.716 ng/ul#	95
37) Hexachlorocyclopentadiene	13.34	237	296088	19.195 ng/ul	98
38) 2,4,6-Trichlorophenol	13.59	196	292521	21.152 ng/ul	96
39) 2,4,5-Trichlorophenol	13.66	196	312714	21.171 ng/ul	97
40) 1,1'-Biphenyl	13.99	154	1209805	21.064 ng/ul#	97
41) 2-Chloronaphthalene	14.04	162	930462	20.862 ng/ul	97
42) 2-Nitroaniline	14.23	65	264644	22.422 ng/ul	92
44) Dimethylphthalate	14.58	163	1125023	20.874 ng/ul	99
45) 2,6-Dinitrotoluene	14.70	165	213269	21.575 ng/ul#	91
47) Acenaphthylene	14.87	152	1424581	21.358 ng/ul	99
48) 3-Nitroaniline	15.03	138	230887	23.736 ng/ul	89
49) Acenaphthene	15.20	153	1002556	21.150 ng/ul	99
50) 2,4-Dinitrophenol	15.23	184	94880	17.287 ng/ul	90
52) 4-Nitrophenol	15.31	109	158423	21.245 ng/ul#	84
53) Dibenzofuran	15.53	168	1367632	20.777 ng/ul	99
54) 2,4-Dinitrotoluene	15.48	165	315195	21.642 ng/ul#	84
55) 2,3,4,6-Tetrachlorophenol	15.75	232	259755	20.725 ng/ul#	85
56) Diethylphthalate	15.92	149	1131165	20.850 ng/ul	93
58) Fluorene	16.17	166	1101792	20.730 ng/ul	100
59) 4-Chlorophenyl-phenylether	16.16	204	551465	20.729 ng/ul	95
60) 4-Nitroaniline	16.18	138	237648	20.943 ng/ul#	81
63) 4,6-Dinitro-2-methylphenol	16.23	198	160712	18.795 ng/ul#	89
64) N-Nitrosodiphenylamine	16.36	169	934357	21.187 ng/ul	100
65) 4-Bromophenyl-phenylether	17.04	248	332055	20.674 ng/ul	94
66) Hexachlorobenzene	17.16	284	386460	20.710 ng/ul#	93
67) Atrazine	17.29	200	313139	22.236 ng/ul#	91
68) Pentachlorophenol	17.50	266	206788	19.485 ng/ul	97
69) Phenanthrene	17.90	178	1702320	20.844 ng/ul	99
71) Anthracene	17.99	178	1741249	21.008 ng/ul	99
72) Carbazole	18.24	167	1509660	21.351 ng/ul	100
73) Di-n-butylphthalate	18.76	149	1829983	21.284 ng/ul#	98
74) Fluoranthene	19.86	202	1885941	21.180 ng/ul#	82
77) Pyrene	20.22	202	1926904	21.619 ng/ul#	80
78) Butylbenzylphthalate	21.06	149	812787	22.353 ng/ul#	89
79) 3,3'-Dichlorobenzidine	21.84	252	668341	22.964 ng/ul#	96
80) Benzo(a)anthracene	21.93	228	1873735	21.005 ng/ul	100
81) Bis(2-ethylhexyl)phthalate	21.80	149	1185031	22.203 ng/ul#	96
82) Chrysene	21.98	228	1756635	21.035 ng/ul	100
84) Di-n-octyl phthalate	22.76	149	1959568	22.147 ng/ul#	91
85) Benzo(b)fluoranthene	23.67	252	1876666	20.694 ng/ul#	95
86) Benzo(k)fluoranthene	23.72	252	1807745	20.730 ng/ul#	96
88) Benzo(a)pyrene	24.33	252	1781637	20.711 ng/ul#	95
89) Indeno(1,2,3-cd)pyrene	27.03	276	2142106	20.584 ng/ul#	87
90) Dibenzo(a,h)anthracene	27.03	278	1795497	20.491 ng/ul#	93
91) Benzo(g,h,i)perylene	27.83	276	1763919	20.603 ng/ul#	90

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

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