Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM050318\
Data File : BM014954.D
Acq On : 03 May 2018 21:58
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02016

Quant Time: May 04 05:10:19 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 04 05:03:56 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.49	152	352952	20.00	ng/ul	0.00
18) Naphthalene-d8	11.33	136	1459371	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.10	164	712459	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.81	188	1353668	20.00	ng/ul	0.00
75) Chrysene-d12	21.90	240	1208878	20.00	ng/ul	0.00
83) Perylene-d12	24.37	264	1255757	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.64	96	66370	8.21	ng/uL	0.00
5) Phenol-d5	7.62	99	599521	21.97	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.79	67	410524	23.46	ng/ul	0.00
9) 2-Chlorophenol-d4	8.01	132	499141	21.87	ng/ul	0.00
13) 4-Methylphenol-d8	9.19	113	471716	21.68	ng/ul	0.00
19) Nitrobenzene-d5	9.67	128	221903	21.03	ng/ul	0.00
22) 2-Nitrophenol-d4	10.40	143	227862	21.69	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.94	165	427398	20.02	ng/ul	0.00
29) 4-Chloroaniline-d4	11.46	131	566767	26.90	ng/ul	0.00
43) Dimethylphthalate-d6	14.49	166	1112205	20.00	ng/ul	0.00
46) Acenaphthylene-d8	14.80	160	1418291	20.65	ng/ul	0.00
51) 4-Nitrophenol-d4	15.26	143	185821	18.00	ng/ul	0.00
57) Fluorene-d10	16.07	176	931975	19.27	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.18	200	134289	18.33	ng/ul	0.00
70) Anthracene-d10	17.91	188	1290764	20.46	ng/ul	0.00
76) Pyrene-d10	20.14	212	1228372	21.48	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.21	264	1236809	20.05	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.68	88	71123	8.362	ng/uL#	81
4) Benzaldehyde	7.61	77	387325	26.986	ng/ul	90
6) Phenol	7.65	94	598360	22.289	ng/ul#	79
8) Bis(2-Chloroethyl)ether	7.89	93	477494	22.243	ng/ul#	88
10) 2-Chlorophenol	8.05	128	488226	21.720	ng/ul	94
11) 2-Methylphenol	8.93	108	433947	21.991	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	9.02	45	963217	24.272	ng/ul#	96
14) Acetophenone	9.33	105	703340	22.059	ng/ul	88
15) N-Nitroso-di-n-propylamine	9.30	70	374101	22.609	ng/ul#	82
16) 4-Methylphenol	9.26	108	460741	21.698	ng/ul	94
17) Hexachloroethane	9.59	117	199985	21.750	ng/ul#	62
20) Nitrobenzene	9.72	77	550852	21.855	ng/ul	95
21) Isophorone	10.25	82	929771	21.570	ng/ul#	93
23) 2-Nitrophenol	10.43	139	243827	21.361	ng/ul#	77
24) 2,4-Dimethylphenol	10.47	107	510849	21.183	ng/ul#	85
25) Bis(2-Chloroethoxy)methane	10.72	93	604077	20.846	ng/ul	95
27) 2,4-Dichlorophenol	10.97	162	407026	19.968	ng/ul#	88
28) Naphthalene	11.39	128	1449892	20.388	ng/ul	99
30) 4-Chloroaniline	11.49	127	533772	26.094	ng/ul	95
31) Hexachlorobutadiene	11.66	225	245612	18.726	ng/ul	93
32) Caprolactam	12.24	113	113503	19.326	ng/ul#	71
33) 4-Chloro-3-methylphenol	12.57	107	422529	20.493	ng/ul	95
34) 2-Methylnaphthalene	12.96	142	965638	19.553	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.32	216	432688	19.373 ng/ul#	97
37) Hexachlorocyclopentadiene	13.29	237	270573	17.585 ng/ul	99
38) 2,4,6-Trichlorophenol	13.55	196	283056	20.519 ng/ul	97
39) 2,4,5-Trichlorophenol	13.62	196	292487	19.851 ng/ul	98
40) 1,1'-Biphenyl	13.94	154	1180970	20.613 ng/ul#	97
41) 2-Chloronaphthalene	13.99	162	915902	20.586 ng/ul	97
42) 2-Nitroaniline	14.18	65	274804	23.340 ng/ul	99
44) Dimethylphthalate	14.53	163	1073306	19.964 ng/ul	99
45) 2,6-Dinitrotoluene	14.66	165	206059	20.897 ng/ul#	94
47) Acenaphthylene	14.83	152	1389319	20.881 ng/ul	100
48) 3-Nitroaniline	14.99	138	214446	22.101 ng/ul	90
49) Acenaphthene	15.16	153	961115	20.326 ng/ul	100
50) 2,4-Dinitrophenol	15.19	184	84046	15.351 ng/ul#	86
52) 4-Nitrophenol	15.27	109	144167	19.381 ng/ul#	87
53) Dibenzofuran	15.49	168	1299683	19.794 ng/ul	100
54) 2,4-Dinitrotoluene	15.44	165	290644	20.006 ng/ul	91
55) 2,3,4,6-Tetrachlorophenol	15.70	232	229500	18.357 ng/ul#	79
56) Diethylphthalate	15.87	149	1057778	19.546 ng/ul	93
58) Fluorene	16.13	166	1019013	19.220 ng/ul	98
59) 4-Chlorophenyl-phenylether	16.11	204	493253	18.587 ng/ul	89
60) 4-Nitroaniline	16.14	138	214236	18.926 ng/ul#	81
63) 4,6-Dinitro-2-methylphenol	16.19	198	138427	18.187 ng/ul	98
64) N-Nitrosodiphenylamine	16.32	169	852069	21.705 ng/ul	100
65) 4-Bromophenyl-phenylether	17.00	248	291137	20.364 ng/ul	92
66) Hexachlorobenzene	17.12	284	339137	20.417 ng/ul#	91
67) Atrazine	17.24	200	278370	22.207 ng/ul#	94
68) Pentachlorophenol	17.46	266	178827	18.930 ng/ul	99
69) Phenanthrene	17.85	178	1470944	20.234 ng/ul	99
71) Anthracene	17.94	178	1501421	20.350 ng/ul	98
72) Carbazole	18.20	167	1297460	20.614 ng/ul	99
73) Di-n-butylphthalate	18.72	149	1663103	21.730 ng/ul#	97
74) Fluoranthene	19.82	202	1511954	19.076 ng/ul#	82
77) Pyrene	20.17	202	1524382	21.582 ng/ul#	76
78) Butylbenzylphthalate	21.02	149	713134	24.748 ng/ul#	92
79) 3,3'-Dichlorobenzidine	21.80	252	524802	22.755 ng/ul#	96
80) Benzo(a)anthracene	21.88	228	1443965	20.426 ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.76	149	1036295	24.500 ng/ul#	95
82) Chrysene	21.94	228	1335180	20.175 ng/ul	99
84) Di-n-octyl phthalate	22.71	149	1695974	23.481 ng/ul#	88
85) Benzo(b)fluoranthene	23.61	252	1416762	19.139 ng/ul#	96
86) Benzo(k)fluoranthene	23.67	252	1424913	20.017 ng/ul#	96
88) Benzo(a)pyrene	24.27	252	1375588	19.590 ng/ul#	94
89) Indeno(1,2,3-cd)pyrene	26.94	276	1704277	20.063 ng/ul#	87
90) Dibenzo(a,h)anthracene	26.94	278	1437755	20.101 ng/ul#	92
91) Benzo(g,h,i)perylene	27.73	276	1403428	20.082 ng/ul#	88

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

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