Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM041018\
Data File : BM014688.D
Acq On : 10 Apr 2018 15:32
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02074

Quant Time: Apr 10 17:45:43 2018
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032818MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Apr 10 01:36:38 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.57	152	395799	20.00	ng/ul	0.00
18) Naphthalene-d8	11.42	136	1709345	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.17	164	956102	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.88	188	2018380	20.00	ng/ul	0.00
77) Chrysene-d12	21.97	240	1830109	20.00	ng/ul	0.00
85) Perylene-d12	24.47	264	1568075	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.69	96	68458	8.32	ng/uL	0.00
5) Phenol-d5	7.69	99	642811	20.37	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.87	67	424387	21.37	ng/ul	0.00
9) 2-Chlorophenol-d4	8.09	132	528802	20.31	ng/ul	0.00
13) 4-Methylphenol-d8	9.27	113	535582	20.77	ng/ul	0.00
19) Nitrobenzene-d5	9.75	128	246251	22.40	ng/ul	0.00
22) 2-Nitrophenol-d4	10.49	143	226832	22.96	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	11.02	165	516201	20.45	ng/ul	0.00
29) 4-Chloroaniline-d4	11.54	131	696779	24.41	ng/ul	0.00
43) Dimethylphthalate-d6	14.56	166	1544392	20.44	ng/ul	0.00
46) Acenaphthylene-d8	14.87	160	1949871	20.32	ng/ul	0.00
51) 4-Nitrophenol-d4	15.32	143	262287	21.39	ng/ul	0.00
57) Fluorene-d10	16.14	176	1334649	20.54	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.24	200	186415	21.64	ng/ul	0.00
70) Anthracene-d10	17.98	188	1982220	20.85	ng/ul	0.00
78) Pyrene-d10	20.21	212	1991758	21.44	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.31	264	1585816	20.60	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.73	88	74945	8.461	ng/uL	94
4) Benzaldehyde	7.69	77	412877	22.879	ng/ul	94
6) Phenol	7.72	94	643665	20.882	ng/ul	92
8) Bis(2-Chloroethyl)ether	7.97	93	519440	21.321	ng/ul#	85
10) 2-Chlorophenol	8.12	128	527168	20.499	ng/ul#	90
11) 2-Methylphenol	9.00	108	479725	20.438	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	9.10	45	979743	21.695	ng/ul#	82
14) Acetophenone	9.40	105	811408	21.273	ng/ul#	89
15) N-Nitroso-di-n-propylamine	9.38	70	418246	20.494	ng/ul#	72
16) 4-Methylphenol	9.33	108	525253	20.821	ng/ul	98
17) Hexachloroethane	9.68	117	214421	20.574	ng/ul	95
20) Nitrobenzene	9.80	77	619348	22.093	ng/ul	93
21) Isophorone	10.32	82	1084517	19.813	ng/ul	98
23) 2-Nitrophenol	10.52	139	260954	22.674	ng/ul	91
24) 2,4-Dimethylphenol	10.55	107	603579	20.758	ng/ul	99
25) Bis(2-Chloroethoxy)methane	10.80	93	700854	20.809	ng/ul	99
27) 2,4-Dichlorophenol	11.05	162	491569	20.759	ng/ul	98
28) Naphthalene	11.47	128	1716879	20.603	ng/ul	99
30) 4-Chloroaniline	11.56	127	673567	24.697	ng/ul	98
31) Hexachlorobutadiene	11.75	225	318453	20.149	ng/ul	97
32) Caprolactam	12.30	113	135799	19.154	ng/ul#	48
33) 4-Chloro-3-methylphenol	12.64	107	519240	20.612	ng/ul	98
34) 2-Methylnaphthalene	13.04	142	1230368	20.697	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.39	216	612156	20.170 ng/ul	99
37) Hexachlorocyclopentadiene	13.37	237	406062	20.077 ng/ul	99
38) 2,4,6-Trichlorophenol	13.62	196	367252	20.373 ng/ul	100
39) 2,4,5-Trichlorophenol	13.69	196	401540	21.264 ng/ul	99
40) 1,1'-Biphenyl	14.02	154	1580000	20.635 ng/ul	99
41) 2-Chloronaphthalene	14.07	162	1217462	20.518 ng/ul	97
42) 2-Nitroaniline	14.25	65	330662	23.916 ng/ul#	82
44) Dimethylphthalate	14.60	163	1486354	20.420 ng/ul	99
45) 2,6-Dinitrotoluene	14.73	165	277255	23.584 ng/ul	95
47) Acenaphthylene	14.90	152	1875077	20.604 ng/ul	99
48) 3-Nitroaniline	15.06	138	288928	24.330 ng/ul	95
49) Acenaphthene	15.23	153	1314137	20.682 ng/ul	98
50) 2,4-Dinitrophenol	15.26	184	112680	22.147 ng/ul#	4
52) 4-Nitrophenol	15.33	109	206202	22.126 ng/ul#	89
53) Dibenzofuran	15.56	168	1806727	20.721 ng/ul	98
54) 2,4-Dinitrotoluene	15.50	165	407675	24.022 ng/ul#	85
55) 2,3,4,6-Tetrachlorophenol	15.77	232	333166	20.739 ng/ul	97
56) Diethylphthalate	15.94	149	1516009	20.818 ng/ul	99
58) Fluorene	16.20	166	1481867	20.864 ng/ul	99
59) 4-Chlorophenyl-phenylether	16.19	204	752620	20.689 ng/ul	92
60) 4-Nitroaniline	16.20	138	290583	21.662 ng/ul	92
63) 4,6-Dinitro-2-methylphenol	16.26	198	197697	21.257 ng/ul	98
64) N-Nitrosodiphenylamine	16.39	169	1245357	20.652 ng/ul	99
65) 4-Bromophenyl-phenylether	17.07	248	446546	19.734 ng/ul	93
66) Hexachlorobenzene	17.19	284	510579	20.180 ng/ul#	90
67) Atrazine	17.31	200	430108	20.478 ng/ul	98
68) Pentachlorophenol	17.52	266	258162	19.415 ng/ul	98
69) Phenanthrene	17.93	178	2255552	20.858 ng/ul	99
71) Anthracene	18.02	178	2311198	20.992 ng/ul	100
72) 1,2,3,4-Tetrachlorobenzene	13.99	216	620328	20.046 ng/uL	100
73) Pentachlorobenzene	15.48	250	600119	20.131 ng/uL	100
74) Carbazole	18.27	167	1947960	21.371 ng/ul	99
75) Di-n-butylphthalate	18.79	149	2383744	21.066 ng/ul	100
76) Fluoranthene	19.89	202	2420429	21.642 ng/ul	99
79) Pyrene	20.24	202	2473947	21.637 ng/ul	98
80) Butylbenzylphthalate	21.08	149	874706	21.857 ng/ul	95
81) 3,3'-Dichlorobenzidine	21.86	252	725850	21.913 ng/ul	98
82) Benzo(a)anthracene	21.95	228	2220846	20.695 ng/ul	100
83) Bis(2-ethylhexyl)phthalate	21.83	149	1181641	19.800 ng/ul	99
84) Chrysene	22.00	228	2058709	20.542 ng/ul	100
86) Di-n-octyl phthalate	22.80	149	1741600	18.937 ng/ul#	88
87) Benzo(b)fluoranthene	23.71	252	1950474	20.734 ng/ul	99
88) Benzo(k)fluoranthene	23.76	252	1913791	21.140 ng/ul	99
90) Benzo(a)pyrene	24.37	252	1830985	20.795 ng/ul	99
91) Indeno(1,2,3-cd)pyrene	27.09	276	1991116	20.164 ng/ul	97
92) Dibenzo(a,h)anthracene	27.10	278	1680345	20.293 ng/ul	98
93) Benzo(g,h,i)perylene	27.89	276	1617060	20.143 ng/ul	98

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

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