Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM040418\
Data File : BM014672.D
Acq On : 04 Apr 2018 16:29
Operator : SJ/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02069

Quant Time: Apr 05 01:49:35 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM032818MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Apr 05 01:48:25 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.58	152	411381	20.00	ng/ul	0.00
18) Naphthalene-d8	11.43	136	1825486	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.17	164	1043457	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.89	188	2213082	20.00	ng/ul	0.00
77) Chrysene-d12	21.97	240	2055834	20.00	ng/ul	0.00
85) Perylene-d12	24.49	264	1746830	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.69	96	70731	8.27	ng/uL	0.00
5) Phenol-d5	7.69	99	687616	20.96	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.87	67	439257	21.29	ng/ul	0.00
9) 2-Chlorophenol-d4	8.09	132	565838	20.90	ng/ul	0.00
13) 4-Methylphenol-d8	9.27	113	567722	21.18	ng/ul	0.00
19) Nitrobenzene-d5	9.76	128	256829	21.88	ng/ul	0.00
22) 2-Nitrophenol-d4	10.49	143	235996	22.37	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	11.03	165	557126	20.66	ng/ul	0.00
29) 4-Chloroaniline-d4	11.55	131	738693	24.24	ng/ul	0.00
43) Dimethylphthalate-d6	14.57	166	1671669	20.28	ng/ul	0.00
46) Acenaphthylene-d8	14.88	160	2101567	20.07	ng/ul	0.00
51) 4-Nitrophenol-d4	15.32	143	285667	21.35	ng/ul	0.00
57) Fluorene-d10	16.15	176	1427459	20.13	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.24	200	181794	19.24	ng/ul	0.00
70) Anthracene-d10	17.99	188	2119110	20.33	ng/ul	0.00
78) Pyrene-d10	20.22	212	2175627	20.85	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.33	264	1762739	20.55	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.73	88	74868	8.132	ng/uL	95
4) Benzaldehyde	7.69	77	429197	22.882	ng/ul	95
6) Phenol	7.72	94	676058	21.102	ng/ul	94
8) Bis(2-Chloroethyl)ether	7.97	93	540154	21.332	ng/ul#	86
10) 2-Chlorophenol	8.13	128	549492	20.557	ng/ul#	92
11) 2-Methylphenol	9.00	108	509260	20.875	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	9.10	45	1005936	21.431	ng/ul#	82
14) Acetophenone	9.41	105	854189	21.547	ng/ul#	91
15) N-Nitroso-di-n-propylamine	9.39	70	447422	21.094	ng/ul#	74
16) 4-Methylphenol	9.33	108	561449	21.413	ng/ul	99
17) Hexachloroethane	9.69	117	219042	20.221	ng/ul	96
20) Nitrobenzene	9.80	77	635450	21.225	ng/ul	95
21) Isophorone	10.33	82	1187858	20.320	ng/ul	99
23) 2-Nitrophenol	10.52	139	274153	22.305	ng/ul	90
24) 2,4-Dimethylphenol	10.56	107	633200	20.391	ng/ul	98
25) Bis(2-Chloroethoxy)methane	10.80	93	745428	20.725	ng/ul	98
27) 2,4-Dichlorophenol	11.06	162	527251	20.849	ng/ul	99
28) Naphthalene	11.48	128	1795394	20.174	ng/ul	100
30) 4-Chloroaniline	11.57	127	711017	24.411	ng/ul	99
31) Hexachlorobutadiene	11.75	225	333043	19.732	ng/ul	99
32) Caprolactam	12.31	113	159119	21.016	ng/ul#	55
33) 4-Chloro-3-methylphenol	12.65	107	563017	20.928	ng/ul	96
34) 2-Methylnaphthalene	13.05	142	1299816	20.474	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.40	216	657956	19.864 ng/ul	99
37) Hexachlorocyclopentadiene	13.37	237	421329	19.088 ng/ul	98
38) 2,4,6-Trichlorophenol	13.62	196	403947	20.533 ng/ul	100
39) 2,4,5-Trichlorophenol	13.69	196	436412	21.176 ng/ul	100
40) 1,1'-Biphenyl	14.02	154	1685655	20.172 ng/ul	99
41) 2-Chloronaphthalene	14.07	162	1294448	19.989 ng/ul	95
42) 2-Nitroaniline	14.26	65	342051	22.668 ng/ul	84
44) Dimethylphthalate	14.62	163	1603131	20.181 ng/ul	100
45) 2,6-Dinitrotoluene	14.74	165	294076	22.920 ng/ul	95
47) Acenaphthylene	14.90	152	2004730	20.184 ng/ul	99
48) 3-Nitroaniline	15.06	138	309996	23.919 ng/ul	94
49) Acenaphthene	15.24	153	1393134	20.089 ng/ul	99
50) 2,4-Dinitrophenol	15.26	184	107484	19.357 ng/ul#	9
52) 4-Nitrophenol	15.34	109	213111	20.953 ng/ul#	81
53) Dibenzofuran	15.57	168	1927719	20.258 ng/ul	96
54) 2,4-Dinitrotoluene	15.51	165	429593	23.194 ng/ul	90
55) 2,3,4,6-Tetrachlorophenol	15.78	232	364321	20.780 ng/ul	94
56) Diethylphthalate	15.96	149	1613705	20.304 ng/ul	100
58) Fluorene	16.21	166	1565693	20.198 ng/ul	100
59) 4-Chlorophenyl-phenylether	16.19	204	795049	20.025 ng/ul	91
60) 4-Nitroaniline	16.21	138	315252	21.534 ng/ul	90
63) 4,6-Dinitro-2-methylphenol	16.26	198	196361	19.256 ng/ul	98
64) N-Nitrosodiphenylamine	16.40	169	1338356	20.242 ng/ul	99
65) 4-Bromophenyl-phenylether	17.07	248	491903	19.826 ng/ul	93
66) Hexachlorobenzene	17.20	284	555678	20.030 ng/ul#	89
67) Atrazine	17.32	200	468688	20.352 ng/ul	97
68) Pentachlorophenol	17.53	266	285569	19.587 ng/ul	100
69) Phenanthrene	17.93	178	2403129	20.268 ng/ul	99
71) Anthracene	18.02	178	2447131	20.271 ng/ul	100
72) 1,2,3,4-Tetrachlorobenzene	13.99	216	664764	19.592 ng/uL	99
73) Pentachlorobenzene	15.49	250	650437	19.900 ng/uL	99
74) Carbazole	18.27	167	2113539	21.148 ng/ul	99
75) Di-n-butylphthalate	18.80	149	2574967	20.754 ng/ul	100
76) Fluoranthene	19.89	202	2649027	21.602 ng/ul	99
79) Pyrene	20.24	202	2680154	20.866 ng/ul	98
80) Butylbenzylphthalate	21.09	149	997984	22.199 ng/ul	98
81) 3,3'-Dichlorobenzidine	21.87	252	846621	22.753 ng/ul	99
82) Benzo(a)anthracene	21.96	228	2455054	20.366 ng/ul	100
83) Bis(2-ethylhexyl)phthalate	21.85	149	1371674	20.460 ng/ul#	100
84) Chrysene	22.02	228	2295235	20.387 ng/ul	100
86) Di-n-octyl phthalate	22.82	149	2048609	19.996 ng/ul#	88
87) Benzo(b)fluoranthene	23.72	252	2136873	20.391 ng/ul	99
88) Benzo(k)fluoranthene	23.77	252	2142015	21.239 ng/ul	99
90) Benzo(a)pyrene	24.39	252	2008676	20.479 ng/ul	99
91) Indeno(1,2,3-cd)pyrene	27.11	276	2126591	19.332 ng/ul	96
92) Dibenzo(a,h)anthracene	27.12	278	1783331	19.333 ng/ul	99
93) Benzo(g,h,i)perylene	27.91	276	1725091	19.289 ng/ul	97

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

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