Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM041318\
Data File : BM014711.D
Acq On : 13 Apr 2018 22:10
Operator : SJ/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02078

Quant Time: Apr 14 01:14:44 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM032818MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Apr 14 01:12:03 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.57	152	487852	20.00	ng/ul	0.00
18) Naphthalene-d8	11.42	136	2025391	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.17	164	1049121	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.88	188	2034151	20.00	ng/ul	0.00
77) Chrysene-d12	21.97	240	1767170	20.00	ng/ul	0.00
85) Perylene-d12	24.48	264	1704005	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.69	96	82154	8.10	ng/uL	0.00
5) Phenol-d5	7.69	99	768028	19.74	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.87	67	489991	20.02	ng/ul	0.00
9) 2-Chlorophenol-d4	8.09	132	638607	19.89	ng/ul	0.00
13) 4-Methylphenol-d8	9.27	113	622936	19.60	ng/ul	0.00
19) Nitrobenzene-d5	9.76	128	298188	22.89	ng/ul	0.00
22) 2-Nitrophenol-d4	10.49	143	307096	26.23	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	11.02	165	597870	19.99	ng/ul	0.00
29) 4-Chloroaniline-d4	11.54	131	769687	22.76	ng/ul	0.00
43) Dimethylphthalate-d6	14.56	166	1561147	18.83	ng/ul	0.00
46) Acenaphthylene-d8	14.87	160	2035453	19.33	ng/ul	0.00
51) 4-Nitrophenol-d4	15.33	143	275735	20.50	ng/ul	0.00
57) Fluorene-d10	16.14	176	1335701	18.74	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.24	200	196864	22.67	ng/ul	0.00
70) Anthracene-d10	17.98	188	1860778	19.42	ng/ul	0.00
78) Pyrene-d10	20.21	212	1798192	20.05	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.31	264	1630140	19.48	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.73	88	91699	8.399	ng/uL	92
4) Benzaldehyde	7.69	77	483622	21.742	ng/ul	94
6) Phenol	7.72	94	758637	19.968	ng/ul	95
8) Bis(2-Chloroethyl)ether	7.97	93	600518	19.998	ng/ul#	87
10) 2-Chlorophenol	8.12	128	625230	19.724	ng/ul#	91
11) 2-Methylphenol	9.00	108	562307	19.436	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	9.10	45	1107567	19.898	ng/ul#	82
14) Acetophenone	9.40	105	912485	19.409	ng/ul#	91
15) N-Nitroso-di-n-propylamine	9.38	70	471770	18.755	ng/ul#	75
16) 4-Methylphenol	9.33	108	603864	19.421	ng/ul	99
17) Hexachloroethane	9.68	117	246043	19.154	ng/ul	99
20) Nitrobenzene	9.80	77	690571	20.790	ng/ul	97
21) Isophorone	10.32	82	1215104	18.734	ng/ul	98
23) 2-Nitrophenol	10.52	139	333366	24.446	ng/ul	92
24) 2,4-Dimethylphenol	10.56	107	673232	19.540	ng/ul	99
25) Bis(2-Chloroethoxy)methane	10.80	93	780429	19.556	ng/ul	99
27) 2,4-Dichlorophenol	11.05	162	563101	20.069	ng/ul	99
28) Naphthalene	11.47	128	1906102	19.304	ng/ul	100
30) 4-Chloroaniline	11.56	127	729899	22.586	ng/ul	98
31) Hexachlorobutadiene	11.74	225	348778	18.624	ng/ul	98
32) Caprolactam	12.32	113	157333	18.729	ng/ul#	55
33) 4-Chloro-3-methylphenol	12.65	107	570033	19.097	ng/ul	94
34) 2-Methylnaphthalene	13.04	142	1331471	18.903	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.39	216	649619	19.507 ng/ul	99
37) Hexachlorocyclopentadiene	13.37	237	444090	20.010 ng/ul	99
38) 2,4,6-Trichlorophenol	13.62	196	419528	21.210 ng/ul	100
39) 2,4,5-Trichlorophenol	13.69	196	438796	21.177 ng/ul	100
40) 1,1'-Biphenyl	14.02	154	1666599	19.836 ng/ul	99
41) 2-Chloronaphthalene	14.07	162	1291369	19.834 ng/ul	96
42) 2-Nitroaniline	14.26	65	360866	23.786 ng/ul	86
44) Dimethylphthalate	14.60	163	1493160	18.695 ng/ul	99
45) 2,6-Dinitrotoluene	14.73	165	293684	22.766 ng/ul	96
47) Acenaphthylene	14.90	152	1939364	19.421 ng/ul	99
48) 3-Nitroaniline	15.06	138	303477	23.289 ng/ul	93
49) Acenaphthene	15.23	153	1347162	19.322 ng/ul	99
50) 2,4-Dinitrophenol	15.26	184	129568	23.208 ng/ul#	1
52) 4-Nitrophenol	15.34	109	201798	19.734 ng/ul#	84
53) Dibenzofuran	15.56	168	1845230	19.286 ng/ul	96
54) 2,4-Dinitrotoluene	15.50	165	413454	22.202 ng/ul	90
55) 2,3,4,6-Tetrachlorophenol	15.77	232	356365	20.216 ng/ul	96
56) Diethylphthalate	15.94	149	1449549	18.140 ng/ul	100
58) Fluorene	16.20	166	1454667	18.665 ng/ul	99
59) 4-Chlorophenyl-phenylether	16.18	204	728241	18.244 ng/ul	93
60) 4-Nitroaniline	16.20	138	305383	20.747 ng/ul	89
63) 4,6-Dinitro-2-methylphenol	16.26	198	206910	22.075 ng/ul	98
64) N-Nitrosodiphenylamine	16.39	169	1221491	20.099 ng/ul	99
65) 4-Bromophenyl-phenylether	17.07	248	432119	18.949 ng/ul#	90
66) Hexachlorobenzene	17.19	284	489020	19.178 ng/ul#	90
67) Atrazine	17.32	200	396004	18.708 ng/ul	97
68) Pentachlorophenol	17.52	266	273062	20.377 ng/ul	98
69) Phenanthrene	17.92	178	2121492	19.466 ng/ul	100
71) Anthracene	18.02	178	2151724	19.392 ng/ul	100
72) 1,2,3,4-Tetrachlorobenzene	13.99	216	649817	20.836 ng/uL	100
73) Pentachlorobenzene	15.48	250	608491	20.254 ng/uL	99
74) Carbazole	18.27	167	1819996	19.812 ng/ul	99
75) Di-n-butylphthalate	18.79	149	2162870	18.966 ng/ul	100
76) Fluoranthene	19.89	202	2192472	19.451 ng/ul	99
79) Pyrene	20.24	202	2193110	19.864 ng/ul	97
80) Butylbenzylphthalate	21.08	149	888355	22.989 ng/ul	98
81) 3,3'-Dichlorobenzidine	21.87	252	696827	21.787 ng/ul	99
82) Benzo(a)anthracene	21.95	228	2041079	19.698 ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.83	149	1196246	20.758 ng/ul	99
84) Chrysene	22.00	228	1873636	19.361 ng/ul	99
86) Di-n-octyl phthalate	22.79	149	1935415	19.366 ng/ul#	88
87) Benzo(b)fluoranthene	23.71	252	1945807	19.034 ng/ul	100
88) Benzo(k)fluoranthene	23.76	252	1870267	19.011 ng/ul	100
90) Benzo(a)pyrene	24.37	252	1837962	19.209 ng/ul	99
91) Indeno(1,2,3-cd)pyrene	27.09	276	2204168	20.541 ng/ul	98
92) Dibenzo(a,h)anthracene	27.10	278	1843109	20.483 ng/ul	99
93) Benzo(g,h,i)perylene	27.89	276	1795168	20.578 ng/ul	97

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

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