Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM041318\
Data File : BM014702.D
Acq On : 13 Apr 2018 16:40
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02077

Quant Time: Apr 13 23:56:33 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM032818MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Apr 13 23:54:45 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.57	152	409540	20.00	ng/ul	0.00
18) Naphthalene-d8	11.42	136	1753435	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.17	164	990293	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.88	188	2163852	20.00	ng/ul	0.00
77) Chrysene-d12	21.97	240	2190133	20.00	ng/ul	0.00
85) Perylene-d12	24.48	264	1972987	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.69	96	65909	7.74	ng/uL	0.00
5) Phenol-d5	7.69	99	631845	19.35	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.87	67	399424	19.44	ng/ul	0.00
9) 2-Chlorophenol-d4	8.09	132	516726	19.18	ng/ul	0.00
13) 4-Methylphenol-d8	9.27	113	517474	19.39	ng/ul	0.00
19) Nitrobenzene-d5	9.75	128	244599	21.69	ng/ul	0.00
22) 2-Nitrophenol-d4	10.49	143	242438	23.92	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	11.02	165	501124	19.35	ng/ul	0.00
29) 4-Chloroaniline-d4	11.54	131	664292	22.69	ng/ul	0.00
43) Dimethylphthalate-d6	14.56	166	1487087	19.01	ng/ul	0.00
46) Acenaphthylene-d8	14.87	160	1873470	18.85	ng/ul	0.00
51) 4-Nitrophenol-d4	15.32	143	275700	21.71	ng/ul	0.00
57) Fluorene-d10	16.14	176	1286246	19.11	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.24	200	191741	20.76	ng/ul	0.00
70) Anthracene-d10	17.98	188	1949861	19.13	ng/ul	0.00
78) Pyrene-d10	20.21	212	2079086	18.71	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.32	264	1856358	19.16	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.73	88	73144	7.980	ng/uL	92
4) Benzaldehyde	7.69	77	398119	21.321	ng/ul	96
6) Phenol	7.72	94	619586	19.426	ng/ul	94
8) Bis(2-Chloroethyl)ether	7.97	93	492198	19.525	ng/ul#	86
10) 2-Chlorophenol	8.12	128	505810	19.008	ng/ul#	92
11) 2-Methylphenol	9.00	108	461669	19.009	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	9.09	45	915376	19.590	ng/ul#	82
14) Acetophenone	9.40	105	768477	19.472	ng/ul#	92
15) N-Nitroso-di-n-propylamine	9.38	70	397636	18.831	ng/ul#	76
16) 4-Methylphenol	9.33	108	506257	19.395	ng/ul	99
17) Hexachloroethane	9.68	117	197972	18.358	ng/ul	99
20) Nitrobenzene	9.80	77	580091	20.173	ng/ul	97
21) Isophorone	10.32	82	1041495	18.548	ng/ul	98
23) 2-Nitrophenol	10.52	139	266872	22.605	ng/ul	91
24) 2,4-Dimethylphenol	10.55	107	562365	18.854	ng/ul	98
25) Bis(2-Chloroethoxy)methane	10.80	93	661186	19.138	ng/ul	99
27) 2,4-Dichlorophenol	11.05	162	471512	19.411	ng/ul	99
28) Naphthalene	11.47	128	1620391	18.956	ng/ul	100
30) 4-Chloroaniline	11.56	127	637637	22.791	ng/ul	100
31) Hexachlorobutadiene	11.75	225	294744	18.180	ng/ul	99
32) Caprolactam	12.31	113	146493	20.143	ng/ul#	49
33) 4-Chloro-3-methylphenol	12.64	107	507143	19.626	ng/ul	95
34) 2-Methylnaphthalene	13.04	142	1159880	19.021	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	571430	18.178	ng/ul	99
37) Hexachlorocyclopentadiene	13.37	237	376923	17.993	ng/ul	98
38) 2,4,6-Trichlorophenol	13.62	196	371585	19.902	ng/ul	99
39) 2,4,5-Trichlorophenol	13.69	196	395345	20.213	ng/ul	100
40) 1,1'-Biphenyl	14.02	154	1490477	18.794	ng/ul	99
41) 2-Chloronaphthalene	14.07	162	1152367	18.751	ng/ul	95
42) 2-Nitroaniline	14.25	65	327983	22.903	ng/ul	85
44) Dimethylphthalate	14.60	163	1432722	19.004	ng/ul	99
45) 2,6-Dinitrotoluene	14.73	165	278460	22.868	ng/ul	97
47) Acenaphthylene	14.90	152	1788124	18.970	ng/ul	99
48) 3-Nitroaniline	15.06	138	292374	23.770	ng/ul	93
49) Acenaphthene	15.23	153	1250283	18.997	ng/ul	98
50) 2,4-Dinitrophenol	15.26	184	119203	22.620	ng/ul#	3
52) 4-Nitrophenol	15.33	109	200811	20.804	ng/ul#	81
53) Dibenzofuran	15.56	168	1727983	19.133	ng/ul	96
54) 2,4-Dinitrotoluene	15.50	165	406045	23.100	ng/ul	89
55) 2,3,4,6-Tetrachlorophenol	15.77	232	340259	20.449	ng/ul	96
56) Diethylphthalate	15.94	149	1441699	19.114	ng/ul	100
58) Fluorene	16.20	166	1397970	19.003	ng/ul	100
59) 4-Chlorophenyl-phenylether	16.19	204	701479	18.617	ng/ul	92
60) 4-Nitroaniline	16.20	138	302509	21.773	ng/ul	89
63) 4,6-Dinitro-2-methylphenol	16.26	198	204681	20.528	ng/ul	98
64) N-Nitrosodiphenylamine	16.39	169	1202675	18.604	ng/ul	99
65) 4-Bromophenyl-phenylether	17.07	248	435729	17.962	ng/ul	92
66) Hexachlorobenzene	17.19	284	496558	18.306	ng/ul	90
67) Atrazine	17.31	200	428061	19.011	ng/ul	97
68) Pentachlorophenol	17.52	266	278951	19.568	ng/ul	98
69) Phenanthrene	17.92	178	2194977	18.933	ng/ul	99
71) Anthracene	18.02	178	2242614	18.999	ng/ul	100
72) 1,2,3,4-Tetrachlorobenzene	13.99	216	581967	17.542	ng/uL	100
73) Pentachlorobenzene	15.48	250	572689	17.920	ng/uL	100
74) Carbazole	18.27	167	1980986	20.272	ng/ul	99
75) Di-n-butylphthalate	18.79	149	2495370	20.570	ng/ul	100
76) Fluoranthene	19.89	202	2490738	20.773	ng/ul	99
79) Pyrene	20.24	202	2525655	18.458	ng/ul	97
80) Butylbenzylphthalate	21.08	149	1056722	22.065	ng/ul	97
81) 3,3'-Dichlorobenzidine	21.87	252	858865	21.667	ng/ul	98
82) Benzo(a)anthracene	21.95	228	2466670	19.208	ng/ul	100
83) Bis(2-ethylhexyl)phthalate	21.83	149	1482377	20.756	ng/ul	99
84) Chrysene	22.01	228	2277450	18.989	ng/ul	100
86) Di-n-octyl phthalate	22.80	149	2319862	20.048	ng/ul#	89
87) Benzo(b)fluoranthene	23.71	252	2238272	18.910	ng/ul	99
88) Benzo(k)fluoranthene	23.76	252	2248514	19.740	ng/ul	100
90) Benzo(a)pyrene	24.37	252	2100768	18.963	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	27.09	276	2234874	17.988	ng/ul	97
92) Dibenzo(a,h)anthracene	27.10	278	1879798	18.043	ng/ul	99
93) Benzo(g,h,i)perylene	27.89	276	1788756	17.709	ng/ul	98

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

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