Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061419\
Data File : BM020963.D
Acq On : 15 Jun 2019 03:50
Operator : HP/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02025

Quant Time: Jun 15 04:59:23 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jun 14 15:40:58 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	235882	20.00	ng/ul	0.00
18) Naphthalene-d8	10.58	136	1063603	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.43	164	708547	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.18	188	1740127	20.00	ng/ul	0.00
77) Chrysene-d12	21.36	240	1795031	20.00	ng/ul	0.00
85) Perylene-d12	23.63	264	1823964	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.30	96	37747	7.60	ng/uL	0.00
5) Phenol-d5	6.96	99	416444	20.28	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	255578	20.89	ng/ul	0.00
9) 2-Chlorophenol-d4	7.33	132	340634	20.42	ng/ul	0.00
13) 4-Methylphenol-d8	8.50	113	355792	20.76	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	176815	20.47	ng/ul	0.00
22) 2-Nitrophenol-d4	9.68	143	196361	20.48	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.20	165	406579	20.86	ng/ul	0.00
29) 4-Chloroaniline-d4	10.73	131	447391	22.00	ng/ul	0.00
43) Dimethylphthalate-d6	13.85	166	1340993	20.95	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	1611792	20.57	ng/ul	0.00
51) 4-Nitrophenol-d4	14.64	143	213229	20.48	ng/ul	0.00
57) Fluorene-d10	15.43	176	1165194	20.92	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.55	200	178358	16.67	ng/ul	0.00
70) Anthracene-d10	17.28	188	1849493	20.45	ng/ul	0.00
78) Pyrene-d10	19.57	212	2065453	19.18	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.49	264	2194024	20.39	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.33	88	38138	7.587	ng/uL	93
4) Benzaldehyde	6.95	77	189231	20.217	ng/ul	99
6) Phenol	6.99	94	397306	20.459	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.22	93	306642	20.689	ng/ul	99
10) 2-Chlorophenol	7.36	128	325231	20.687	ng/ul	99
11) 2-Methylphenol	8.23	108	310949	20.694	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.32	45	402464	21.265	ng/ul	99
14) Acetophenone	8.62	105	523425	21.221	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.60	70	279163	21.746	ng/ul	96
16) 4-Methylphenol	8.56	108	334419	20.452	ng/ul	99
17) Hexachloroethane	8.86	117	134721	20.559	ng/ul	97
20) Nitrobenzene	9.00	77	398451	20.536	ng/ul	97
21) Isophorone	9.52	82	779037	21.321	ng/ul	99
23) 2-Nitrophenol	9.70	139	198126	20.553	ng/ul	99
24) 2,4-Dimethylphenol	9.76	107	407366	20.685	ng/ul	100
25) Bis(2-Chloroethoxy)methane	10.00	93	466770	20.730	ng/ul	98
27) 2,4-Dichlorophenol	10.23	162	364205	20.523	ng/ul	98
28) Naphthalene	10.63	128	1102253	20.185	ng/ul	100
30) 4-Chloroaniline	10.75	127	414637	21.683	ng/ul	99
31) Hexachlorobutadiene	10.90	225	243299	20.121	ng/ul	99
32) Caprolactam	11.54	113	110617	22.172	ng/ul	98
33) 4-Chloro-3-methylphenol	11.87	107	388466	21.471	ng/ul	98
34) 2-Methylnaphthalene	12.25	142	866161	20.686	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.61	216	493779	19.521 ng/ul	99
37) Hexachlorocyclopentadiene	12.59	237	275151	18.285 ng/ul	97
38) 2,4,6-Trichlorophenol	12.86	196	322383	20.509 ng/ul	99
39) 2,4,5-Trichlorophenol	12.93	196	321325	19.137 ng/ul	99
40) 1,1'-Biphenyl	13.26	154	1167875	19.981 ng/ul	99
41) 2-Chloronaphthalene	13.30	162	922806	19.984 ng/ul	100
42) 2-Nitroaniline	13.52	65	266160	23.716 ng/ul	95
44) Dimethylphthalate	13.89	163	1218030	20.900 ng/ul	99
45) 2,6-Dinitrotoluene	14.02	165	244047	21.940 ng/ul	97
47) Acenaphthylene	14.16	152	1378656	20.546 ng/ul	99
48) 3-Nitroaniline	14.35	138	207698	21.330 ng/ul	99
49) Acenaphthene	14.50	153	994372	20.214 ng/ul	99
50) 2,4-Dinitrophenol	14.56	184	63630	11.387 ng/ul	96
52) 4-Nitrophenol	14.65	109	158817	20.618 ng/ul	98
53) Dibenzofuran	14.83	168	1439417	20.551 ng/ul	98
54) 2,4-Dinitrotoluene	14.80	165	363796	22.538 ng/ul	97
55) 2,3,4,6-Tetrachlorophenol	15.06	232	320055	21.859 ng/ul	98
56) Diethylphthalate	15.26	149	1230404	21.882 ng/ul	99
58) Fluorene	15.48	166	1191353	20.935 ng/ul	99
59) 4-Chlorophenyl-phenylether	15.48	204	640207	20.634 ng/ul	99
60) 4-Nitroaniline	15.51	138	260444	25.163 ng/ul	96
63) 4,6-Dinitro-2-methylphenol	15.57	198	177312	16.512 ng/ul	98
64) N-Nitrosodiphenylamine	15.69	169	1046299	19.854 ng/ul	99
65) 4-Bromophenyl-phenylether	16.37	248	419622	19.665 ng/ul	99
66) Hexachlorobenzene	16.48	284	487155	19.919 ng/ul	99
67) Atrazine	16.65	200	398149	20.824 ng/ul	98
68) Pentachlorophenol	16.83	266	243065	19.821 ng/ul	98
69) Phenanthrene	17.22	178	1953656	20.300 ng/ul	99
71) Anthracene	17.32	178	2009686	20.492 ng/ul	100
72) 1,2,3,4-Tetrachlorobenzene	13.23	216	498029	18.193 ng/uL	99
73) Pentachlorobenzene	14.75	250	531713	18.877 ng/uL	99
74) Carbazole	17.59	167	1745373	21.594 ng/ul	100
75) Di-n-butylphthalate	18.15	149	2142183	22.075 ng/ul	100
76) Fluoranthene	19.23	202	2395981	23.041 ng/ul	99
79) Pyrene	19.60	202	2446739	19.281 ng/ul	99
80) Butylbenzylphthalate	20.50	149	992409	21.126 ng/ul	96
81) 3,3'-Dichlorobenzidine	21.27	252	744329	18.501 ng/ul	99
82) Benzo(a)anthracene	21.34	228	2490767	20.353 ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.27	149	1458154	21.802 ng/ul#	98
84) Chrysene	21.39	228	2328093	20.313 ng/ul	100
86) Di-n-octyl phthalate	22.16	149	2364488	22.497 ng/ul	100
87) Benzo(b)fluoranthene	22.94	252	2389127	20.678 ng/ul	100
88) Benzo(k)fluoranthene	22.99	252	2298075	20.675 ng/ul	100
90) Benzo(a)pyrene	23.53	252	2195647	20.190 ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.94	276	2339913	18.273 ng/ul	99
92) Dibenzo(a,h)anthracene	25.94	278	1974923	18.333 ng/ul	100
93) Benzo(g,h,i)perylene	26.64	276	1860256	17.638 ng/ul	99

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

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