Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101619\
Data File : BM023195.D
Acq On : 16 Oct 2019 17:57
Operator : JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02012

Quant Time: Oct 17 04:30:22 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 17 04:28:02 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	359064	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	1421329	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.31	164	841758	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.05	188	1629757	20.00	ng/ul	0.00
78) Chrysene-d12	21.24	240	1582678	20.00	ng/ul	0.00
86) Perylene-d12	23.45	264	1827008	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.17	96	66724	8.18	ng/uL	0.00
5) Phenol-d5	6.83	99	557588	17.83	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	330894	18.70	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	449794	18.79	ng/ul	0.00
13) 4-Methylphenol-d8	8.37	113	443718	17.66	ng/ul	0.00
19) Nitrobenzene-d5	8.80	128	207294	21.56	ng/ul	0.00
22) 2-Nitrophenol-d4	9.53	143	219774	24.00	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.06	165	458432	19.69	ng/ul	0.00
29) 4-Chloroaniline-d4	10.57	131	548027	19.35	ng/ul	0.00
44) Dimethylphthalate-d6	13.73	166	1198943	18.59	ng/ul	0.00
47) Acenaphthylene-d8	14.00	160	1476341	19.51	ng/ul	0.00
52) 4-Nitrophenol-d4	14.50	143	202976	19.44	ng/ul	0.00
58) Fluorene-d10	15.30	176	1026809	18.68	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.42	200	156774	24.26	ng/ul	0.00
71) Anthracene-d10	17.15	188	1528626	19.45	ng/ul	0.00
79) Pyrene-d10	19.44	212	1598365	20.85	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.32	264	1812965	19.58	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.20	88	68155	7.993	ng/uL#	83
4) Benzaldehyde	6.80	77	403379	19.631	ng/ul	98
6) Phenol	6.86	94	582849	18.073	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.09	93	446738	18.785	ng/ul	98
10) 2-Chlorophenol	7.23	128	474681	18.976	ng/ul	99
11) 2-Methylphenol	8.10	108	437981	17.716	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.19	45	636557	18.338	ng/ul	99
14) Acetophenone	8.47	105	692414	17.682	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.47	70	366384	16.938	ng/ul	98
16) 4-Methylphenol	8.43	108	468391	17.424	ng/ul	97
17) Hexachloroethane	8.74	117	196758	19.787	ng/ul	95
20) Nitrobenzene	8.85	77	511284	19.899	ng/ul	96
21) Isophorone	9.38	82	986488	17.850	ng/ul	99
23) 2-Nitrophenol	9.56	139	243596	23.114	ng/ul	98
24) 2,4-Dimethylphenol	9.63	107	521976	18.634	ng/ul	96
25) Bis(2-Chloroethoxy)methane	9.87	93	597195	19.457	ng/ul	98
27) 2,4-Dichlorophenol	10.09	162	442675	19.456	ng/ul	97
28) Naphthalene	10.49	128	1439681	19.597	ng/ul	99
30) 4-Chloroaniline	10.60	127	569691	19.437	ng/ul	98
31) Hexachlorobutadiene	10.79	225	311790	20.342	ng/ul	99
32) Caprolactam	11.35	113	129166	15.811	ng/ul	95
33) 4-Chloro-3-methylphenol	11.73	107	463435	17.775	ng/ul	100
34) 2-Methylnaphthalene	12.12	142	1034877	18.931	ng/ul	99

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35) 1-Methylnaphthalene	12.33	142	992974	18.769 ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.49	216	568967	20.896 ng/ul	100
38) Hexachlorocyclopentadiene	12.48	237	340597	20.671 ng/ul	99
39) 2,4,6-Trichlorophenol	12.73	196	359019	21.443 ng/ul	96
40) 2,4,5-Trichlorophenol	12.80	196	375844	20.881 ng/ul	99
41) 1,1'-Biphenyl	13.14	154	1309574	20.447 ng/ul	99
42) 2-Chloronaphthalene	13.17	162	1016151	20.485 ng/ul	100
43) 2-Nitroaniline	13.37	65	265511	22.841 ng/ul	93
45) Dimethylphthalate	13.77	163	1212232	18.775 ng/ul	100
46) 2,6-Dinitrotoluene	13.88	165	229847	22.674 ng/ul	94
48) Acenaphthylene	14.03	152	1523060	19.689 ng/ul	100
49) 3-Nitroaniline	14.20	138	228415	20.911 ng/ul#	91
50) Acenaphthene	14.37	153	1059812	19.675 ng/ul	100
51) 2,4-Dinitrophenol	14.41	184	107509	23.282 ng/ul	94
53) 4-Nitrophenol	14.51	109	167503	17.806 ng/ul	94
54) Dibenzofuran	14.71	168	1493026	19.525 ng/ul	100
55) 2,4-Dinitrotoluene	14.67	165	322748	21.766 ng/ul	94
56) 2,3,4,6-Tetrachlorophenol	14.93	232	324130	20.685 ng/ul	98
57) Diethylphthalate	15.15	149	1199566	18.192 ng/ul	99
59) Fluorene	15.36	166	1185597	18.897 ng/ul	98
60) 4-Chlorophenyl-phenylether	15.36	204	626295	19.113 ng/ul	99
61) 4-Nitroaniline	15.36	138	240247	18.279 ng/ul	93
64) 4,6-Dinitro-2-methylphenol	15.43	198	175446	23.190 ng/ul	96
65) N-Nitrosodiphenylamine	15.57	169	1039075	20.659 ng/ul	98
66) 4-Bromophenyl-phenylether	16.25	248	412783	20.980 ng/ul	99
67) Hexachlorobenzene	16.36	284	463970	20.793 ng/ul	99
68) Atrazine	16.53	200	371069	19.275 ng/ul	99
69) Pentachlorophenol	16.70	266	271470	21.720 ng/ul	99
70) Phenanthrene	17.09	178	1806351	19.749 ng/ul	99
72) Anthracene	17.19	178	1860235	19.682 ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.10	216	545316	23.042 ng/uL	99
74) Pentachlorobenzene	14.63	250	542442	22.000 ng/uL	98
75) Carbazole	17.45	167	1607546	19.039 ng/ul	100
76) Di-n-butylphthalate	18.04	149	1973898	19.645 ng/ul	100
77) Fluoranthene	19.12	202	2083762	19.156 ng/ul	100
80) Pyrene	19.47	202	2090283	21.082 ng/ul	98
81) Butylbenzylphthalate	20.40	149	855137	24.798 ng/ul	96
82) 3,3'-Dichlorobenzidine	21.16	252	739882	19.298 ng/ul	99
83) Benzo(a)anthracene	21.23	228	2102046	19.602 ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.19	149	1262558	23.026 ng/ul	99
85) Chrysene	21.28	228	1949687	19.580 ng/ul	99
87) Di-n-octyl phthalate	22.07	149	2163089	22.949 ng/ul	100
88) Benzo(b)fluoranthene	22.79	252	2175832	19.642 ng/ul	99
89) Benzo(k)fluoranthene	22.84	252	2111008	19.847 ng/ul	99
91) Benzo(a)pyrene	23.36	252	2098195	19.743 ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.67	276	2587149	20.463 ng/ul	99
93) Dibenzo(a,h)anthracene	25.69	278	2177326	20.597 ng/ul	99
94) Benzo(g,h,i)perylene	26.34	276	2162272	20.772 ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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