Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102919\
Data File : BM023521.D
Acq On : 31 Oct 2019 16:02
Operator : JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 87 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02020

Quant Time: Oct 31 16:46:15 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 31 06:46:10 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	596294	20.00	ng/ul	0.00
18) Naphthalene-d8	10.39	136	2485483	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.26	164	1547094	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.01	188	3210896	20.00	ng/ul	0.00
78) Chrysene-d12	21.21	240	3402585	20.00	ng/ul	0.00
86) Perylene-d12	23.40	264	3963688	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.15	96	107433	8.56	ng/uL	0.00
5) Phenol-d5	6.80	99	990791	19.78	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.96	67	616281	20.99	ng/ul	0.00
9) 2-Chlorophenol-d4	7.16	132	786239	20.08	ng/ul	0.00
13) 4-Methylphenol-d8	8.33	113	771436	18.96	ng/ul	0.00
19) Nitrobenzene-d5	8.77	128	381294	20.38	ng/ul	0.00
22) 2-Nitrophenol-d4	9.48	143	406648	19.59	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.02	165	786668	19.28	ng/ul	0.00
29) 4-Chloroaniline-d4	10.53	131	950201	20.26	ng/ul	0.00
44) Dimethylphthalate-d6	13.69	166	2264192	19.27	ng/ul	0.00
47) Acenaphthylene-d8	13.95	160	2725930	20.25	ng/ul	0.00
52) 4-Nitrophenol-d4	14.48	143	399374	19.62	ng/ul	0.00
58) Fluorene-d10	15.26	176	1982245	19.92	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.39	200	348165	17.42	ng/ul	0.00
71) Anthracene-d10	17.11	188	3080602	20.30	ng/ul	0.00
79) Pyrene-d10	19.41	212	3382744	18.08	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.27	264	4061305	20.11	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.18	88	112554	8.425	ng/uL	97
4) Benzaldehyde	6.76	77	460564	15.973	ng/ul	99
6) Phenol	6.83	94	1046371	20.290	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.05	93	828969	20.614	ng/ul	98
10) 2-Chlorophenol	7.19	128	825819	20.134	ng/ul	99
11) 2-Methylphenol	8.06	108	761791	19.319	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.15	45	1217806	21.208	ng/ul	97
14) Acetophenone	8.44	105	1268449	19.961	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.43	70	677929	18.883	ng/ul	98
16) 4-Methylphenol	8.39	108	834852	19.313	ng/ul	99
17) Hexachloroethane	8.69	117	354223	20.750	ng/ul	95
20) Nitrobenzene	8.81	77	981152	21.408	ng/ul	98
21) Isophorone	9.34	82	1784546	19.435	ng/ul	99
23) 2-Nitrophenol	9.52	139	462027	20.371	ng/ul	98
24) 2,4-Dimethylphenol	9.59	107	926600	19.784	ng/ul	100
25) Bis(2-Chloroethoxy)methane	9.82	93	1111002	19.674	ng/ul	100
27) 2,4-Dichlorophenol	10.05	162	781803	19.427	ng/ul	99
28) Naphthalene	10.45	128	2583684	20.281	ng/ul	100
30) 4-Chloroaniline	10.56	127	998080	20.518	ng/ul	100
31) Hexachlorobutadiene	10.74	225	523064	19.914	ng/ul	100
32) Caprolactam	11.34	113	242307	19.613	ng/ul	99
33) 4-Chloro-3-methylphenol	11.70	107	832178	18.755	ng/ul	99
34) 2-Methylnaphthalene	12.07	142	1878172	19.301	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.29	142	1816148	19.340	ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.44	216	982342	20.106	ng/ul	99
38) Hexachlorocyclopentadiene	12.43	237	590592	18.223	ng/ul	98
39) 2,4,6-Trichlorophenol	12.69	196	621643	19.528	ng/ul	99
40) 2,4,5-Trichlorophenol	12.76	196	668378	19.570	ng/ul	98
41) 1,1'-Biphenyl	13.09	154	2440753	20.345	ng/ul	99
42) 2-Chloronaphthalene	13.13	162	1875051	20.510	ng/ul	99
43) 2-Nitroaniline	13.34	65	536032	20.984	ng/ul	99
45) Dimethylphthalate	13.73	163	2322175	19.686	ng/ul	100
46) 2,6-Dinitrotoluene	13.85	165	464512	19.878	ng/ul	99
48) Acenaphthylene	13.98	152	2840934	20.364	ng/ul	100
49) 3-Nitroaniline	14.17	138	410628	19.447	ng/ul	96
50) Acenaphthene	14.33	153	1974121	20.116	ng/ul	99
51) 2,4-Dinitrophenol	14.39	184	289114	20.524	ng/ul	97
53) 4-Nitrophenol	14.49	109	324099	20.001	ng/ul	92
54) Dibenzofuran	14.67	168	2849597	20.276	ng/ul	99
55) 2,4-Dinitrotoluene	14.64	165	689905	20.366	ng/ul	97
56) 2,3,4,6-Tetrachlorophenol	14.90	232	590523	18.956	ng/ul	98
57) Diethylphthalate	15.10	149	2349720	19.747	ng/ul	99
59) Fluorene	15.32	166	2300013	20.071	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.32	204	1184234	19.552	ng/ul	98
61) 4-Nitroaniline	15.34	138	442531	18.776	ng/ul	98
64) 4,6-Dinitro-2-methylphenol	15.40	198	390161	17.774	ng/ul	98
65) N-Nitrosodiphenylamine	15.53	169	1997028	19.717	ng/ul	100
66) 4-Bromophenyl-phenylether	16.21	248	779847	19.023	ng/ul	97
67) Hexachlorobenzene	16.32	284	915690	19.516	ng/ul	97
68) Atrazine	16.49	200	704866	19.042	ng/ul	98
69) Pentachlorophenol	16.67	266	472986	16.973	ng/ul	98
70) Phenanthrene	17.05	178	3682835	20.524	ng/ul	99
72) Anthracene	17.15	178	3755327	20.656	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.06	216	966652	20.095	ng/uL	100
74) Pentachlorobenzene	14.59	250	993496	19.273	ng/uL	99
75) Carbazole	17.42	167	3300391	21.534	ng/ul	99
76) Di-n-butylphthalate	18.00	149	3959379	20.582	ng/ul	100
77) Fluoranthene	19.07	202	4293861	22.941	ng/ul	97
80) Pyrene	19.44	202	4433477	18.452	ng/ul	98
81) Butylbenzylphthalate	20.36	149	1797572	18.273	ng/ul	100
82) 3,3'-Dichlorobenzidine	21.13	252	1361095	16.726	ng/ul	98
83) Benzo(a)anthracene	21.20	228	4563307	20.053	ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.15	149	2696880	19.555	ng/ul	100
85) Chrysene	21.24	228	4241508	20.200	ng/ul	100
87) Di-n-octyl phthalate	22.02	149	4493719	19.275	ng/ul	100
88) Benzo(b)fluoranthene	22.75	252	4999422	19.639	ng/ul	99
89) Benzo(k)fluoranthene	22.79	252	4612861	19.297	ng/ul	99
91) Benzo(a)pyrene	23.31	252	4685438	20.330	ng/ul	100
92) Indeno(1,2,3-cd)pyrene	25.60	276	5752060	23.050	ng/ul	99
93) Dibenzo(a,h)anthracene	25.61	278	4836820	22.987	ng/ul	99
94) Benzo(g,h,i)perylene	26.27	276	4758676	23.438	ng/ul	99

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

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