Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111419\
Data File : BM023717.D
Acq On : 14 Nov 2019 15:28
Operator : JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02018

Quant Time: Nov 15 06:25:33 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 14 03:45:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.53	152	378640	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.30	136	1618320	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.19	164	1066903	20.00	ng/ul	-0.01
62) Phenanthrene-d10	16.94	188	2269625	20.00	ng/ul	0.00
78) Chrysene-d12	21.14	240	2395724	20.00	ng/ul	0.00
86) Perylene-d12	23.30	264	2744436	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.06	96	69393	7.55	ng/uL	0.00
5) Phenol-d5	6.72	99	645561	18.70	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.87	67	367586	18.53	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.07	132	494394	19.77	ng/ul	-0.01
13) 4-Methylphenol-d8	8.25	113	510542	18.54	ng/ul	0.00
19) Nitrobenzene-d5	8.68	128	241021	20.81	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.40	143	270627	22.23	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	9.94	165	542293	19.53	ng/ul	0.00
29) 4-Chloroaniline-d4	10.45	131	630867	20.69	ng/ul	0.00
44) Dimethylphthalate-d6	13.61	166	1560010	18.75	ng/ul	0.00
47) Acenaphthylene-d8	13.87	160	1849486	19.48	ng/ul	-0.01
52) 4-Nitrophenol-d4	14.42	143	275458	19.40	ng/ul	0.00
58) Fluorene-d10	15.19	176	1365520	18.59	ng/ul	-0.01
63) 4,6-Dinitro-2-methylphenol	15.32	200	269632	20.54	ng/ul	0.00
71) Anthracene-d10	17.04	188	2122486	19.71	ng/ul	0.00
79) Pyrene-d10	19.34	212	2384787	19.09	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.17	264	2780461	19.25	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.10	88	72385	7.354	ng/uL	97
4) Benzaldehyde	6.68	77	270718	13.370	ng/ul	96
6) Phenol	6.75	94	669990	18.843	ng/ul	99
8) Bis(2-Chloroethyl)ether	6.97	93	519813	19.088	ng/ul	99
10) 2-Chlorophenol	7.10	128	527671	20.464	ng/ul	99
11) 2-Methylphenol	7.99	108	502801	18.946	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.07	45	506588	19.069	ng/ul	98
14) Acetophenone	8.35	105	809591	18.854	ng/ul	100
15) N-Nitroso-di-n-propylamine	8.35	70	426511	18.906	ng/ul	97
16) 4-Methylphenol	8.31	108	547242	18.623	ng/ul	98
17) Hexachloroethane	8.60	117	209076	20.439	ng/ul	99
20) Nitrobenzene	8.72	77	607452	19.834	ng/ul	97
21) Isophorone	9.25	82	1136111	19.016	ng/ul	99
23) 2-Nitrophenol	9.43	139	298555	22.046	ng/ul	99
24) 2,4-Dimethylphenol	9.50	107	611349	19.754	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.74	93	713893	19.040	ng/ul	98
27) 2,4-Dichlorophenol	9.96	162	534228	20.006	ng/ul	99
28) Naphthalene	10.36	128	1658947	19.503	ng/ul	99
30) 4-Chloroaniline	10.47	127	662678	21.148	ng/ul	99
31) Hexachlorobutadiene	10.65	225	349724	19.396	ng/ul	98
32) Caprolactam	11.26	113	159612	18.444	ng/ul	98
33) 4-Chloro-3-methylphenol	11.62	107	567759	19.155	ng/ul	98
34) 2-Methylnaphthalene	11.98	142	1238270	19.030	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.20	142	1200414	18.706	ng/ul	100
37) 1,2,4,5-Tetrachlorobenzene	12.36	216	686485	19.692	ng/ul	97
38) Hexachlorocyclopentadiene	12.34	237	496128	27.169	ng/ul	99
39) 2,4,6-Trichlorophenol	12.61	196	446370	20.766	ng/ul	99
40) 2,4,5-Trichlorophenol	12.69	196	483382	20.649	ng/ul	98
41) 1,1'-Biphenyl	13.02	154	1656141	20.122	ng/ul	99
42) 2-Chloronaphthalene	13.05	162	1272012	20.079	ng/ul	99
43) 2-Nitroaniline	13.26	65	338314	22.453	ng/ul	98
45) Dimethylphthalate	13.66	163	1585871	19.450	ng/ul	100
46) 2,6-Dinitrotoluene	13.77	165	322133	21.691	ng/ul	98
48) Acenaphthylene	13.90	152	1926935	20.159	ng/ul	99
49) 3-Nitroaniline	14.10	138	278392	19.726	ng/ul	89
50) Acenaphthene	14.25	153	1344843	19.825	ng/ul	99
51) 2,4-Dinitrophenol	14.32	184	163308	17.442	ng/ul	94
53) 4-Nitrophenol	14.43	109	221137	19.294	ng/ul	97
54) Dibenzofuran	14.59	168	1956246	19.481	ng/ul	99
55) 2,4-Dinitrotoluene	14.57	165	471578	20.776	ng/ul	97
56) 2,3,4,6-Tetrachlorophenol	14.83	232	438497	19.790	ng/ul	98
57) Diethylphthalate	15.03	149	1576881	19.709	ng/ul	99
59) Fluorene	15.24	166	1582608	19.426	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.24	204	833707	18.964	ng/ul	99
61) 4-Nitroaniline	15.27	138	299897	17.349	ng/ul	97
64) 4,6-Dinitro-2-methylphenol	15.34	198	301631	21.129	ng/ul	96
65) N-Nitrosodiphenylamine	15.46	169	1387080	20.830	ng/ul	98
66) 4-Bromophenyl-phenylether	16.14	248	564605	20.356	ng/ul	98
67) Hexachlorobenzene	16.25	284	664950	20.348	ng/ul	100
68) Atrazine	16.42	200	508968	20.404	ng/ul	99
69) Pentachlorophenol	16.60	266	359421	18.550	ng/ul	99
70) Phenanthrene	16.98	178	2554058	20.430	ng/ul	100
72) Anthracene	17.07	178	2615613	20.807	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	12.97	216	675691	20.999	ng/uL	100
74) Pentachlorobenzene	14.52	250	720664	20.271	ng/uL	99
75) Carbazole	17.34	167	2296925	21.920	ng/ul	100
76) Di-n-butylphthalate	17.93	149	2660270	23.022	ng/ul	99
77) Fluoranthene	19.00	202	3067967	22.906	ng/ul	98
80) Pyrene	19.37	202	3120541	20.151	ng/ul	100
81) Butylbenzylphthalate	20.29	149	1227474	25.027	ng/ul	97
82) 3,3'-Dichlorobenzidine	21.07	252	1080215	21.485	ng/ul	99
83) Benzo(a)anthracene	21.13	228	3210042	20.313	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.08	149	1781668	24.060	ng/ul	99
85) Chrysene	21.18	228	2988412	20.088	ng/ul	100
87) Di-n-octyl phthalate	21.94	149	2997486	22.346	ng/ul	100
88) Benzo(b)fluoranthene	22.66	252	3324596	19.003	ng/ul	99
89) Benzo(k)fluoranthene	22.70	252	3284770	19.489	ng/ul	99
91) Benzo(a)pyrene	23.21	252	3187827	19.904	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.45	276	3919404	22.886	ng/ul	100
93) Dibenzo(a,h)anthracene	25.46	278	3290183	22.765	ng/ul	99
94) Benzo(g,h,i)perylene	26.10	276	3245873	23.390	ng/ul	99

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

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