Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021320\
Data File : BM024879.D
Acq On : 14 Feb 2020 06:57
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02016

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Quant Time: Feb 14 13:36:41 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 14 07:45:43 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	401818	20.00	ng/ul	0.00
18) Naphthalene-d8	10.15	136	1474625	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.05	164	921775	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.80	188	1927117	20.00	ng/ul	0.00
78) Chrysene-d12	21.01	240	1835948	20.00	ng/ul	0.00
86) Perylene-d12	23.11	264	2014724	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.03	96	76820	9.20	ng/uL	0.00
5) Phenol-d5	6.59	99	622910	23.34	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.75	67	361121	23.95	ng/ul	0.00
9) 2-Chlorophenol-d4	6.94	132	531658	22.23	ng/ul	0.00
13) 4-Methylphenol-d8	8.11	113	476868	21.17	ng/ul	0.00
19) Nitrobenzene-d5	8.53	128	238320	22.35	ng/ul	0.00
22) 2-Nitrophenol-d4	9.25	143	283541	22.50	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.78	165	540836	21.28	ng/ul	0.00
29) 4-Chloroaniline-d4	10.29	131	565233	23.77	ng/ul	0.00
44) Dimethylphthalate-d6	13.47	166	1389551	19.97	ng/ul	0.00
47) Acenaphthylene-d8	13.73	160	1666269	20.51	ng/ul	0.00
52) 4-Nitrophenol-d4	14.27	143	234611m	20.75	ng/ul	0.00
58) Fluorene-d10	15.05	176	1209251	19.63	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.18	200	250979	19.98	ng/ul	0.00
71) Anthracene-d10	16.90	188	1830716	20.81	ng/ul	0.00
79) Pyrene-d10	19.20	212	2032909	22.14	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.98	264	2165819	21.40	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.07	88	75419	8.561	ng/uL#	91
4) Benzaldehyde	6.55	77	257853	14.687	ng/ul	97
6) Phenol	6.62	94	659313	23.466	ng/ul	94
8) Bis(2-Chloroethyl)ether	6.84	93	521105	22.969	ng/ul	98
10) 2-Chlorophenol	6.97	128	557748	22.875	ng/ul	99
11) 2-Methylphenol	7.85	108	484228	22.204	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	7.93	45	267530	14.994	ng/ul#	74
14) Acetophenone	8.21	105	751538	21.174	ng/ul#	95
15) N-Nitroso-di-n-propylamine	8.20	70	367568	21.910	ng/ul#	84
16) 4-Methylphenol	8.17	108	514732	21.860	ng/ul	99
17) Hexachloroethane	8.45	117	240762	21.899	ng/ul	89
20) Nitrobenzene	8.57	77	587192	23.193	ng/ul	95
21) Isophorone	9.10	82	1067948	23.260	ng/ul	94
23) 2-Nitrophenol	9.27	139	306896	22.630	ng/ul	91
24) 2,4-Dimethylphenol	9.36	107	564475	22.280	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.59	93	664779	23.084	ng/ul	99
27) 2,4-Dichlorophenol	9.81	162	534957	21.312	ng/ul	98
28) Naphthalene	10.20	128	1586742	21.060	ng/ul	99
30) 4-Chloroaniline	10.31	127	592972	24.988	ng/ul	98
31) Hexachlorobutadiene	10.50	225	397766	19.076	ng/ul	98
32) Caprolactam	11.08	113	140760m	21.392	ng/ul	
33) 4-Chloro-3-methylphenol	11.46	107	500327	21.482	ng/ul	97
34) 2-Methylnaphthalene	11.82	142	1157969	20.864	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.05	142	1090259	19.697 ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.20	216	709061	21.753 ng/ul	97
38) Hexachlorocyclopentadiene	12.19	237	454464	19.771 ng/ul	99
39) 2,4,6-Trichlorophenol	12.46	196	443026	22.081 ng/ul	96
40) 2,4,5-Trichlorophenol	12.53	196	473348	22.572 ng/ul	100
41) 1,1'-Biphenyl	12.86	154	1491864	21.924 ng/ul#	97
42) 2-Chloronaphthalene	12.90	162	1180315	21.244 ng/ul	99
43) 2-Nitroaniline	13.11	65	286620	24.465 ng/ul	94
45) Dimethylphthalate	13.52	163	1423446	19.611 ng/ul	99
46) 2,6-Dinitrotoluene	13.63	165	310003	21.121 ng/ul	99
48) Acenaphthylene	13.76	152	1720461	20.441 ng/ul	98
49) 3-Nitroaniline	13.95	138	260519	23.564 ng/ul	83
50) Acenaphthene	14.10	153	1191118	20.955 ng/ul	97
51) 2,4-Dinitrophenol	14.17	184	175907	19.673 ng/ul	98
53) 4-Nitrophenol	14.29	109	183023	19.821 ng/ul	88
54) Dibenzofuran	14.45	168	1747277	20.622 ng/ul	100
55) 2,4-Dinitrotoluene	14.43	165	427661	20.416 ng/ul	95
56) 2,3,4,6-Tetrachlorophenol	14.69	232	422252	20.606 ng/ul	98
57) Diethylphthalate	14.90	149	1370240	19.079 ng/ul	98
59) Fluorene	15.10	166	1381587	19.785 ng/ul	100
60) 4-Chlorophenyl-phenylether	15.11	204	762712	18.970 ng/ul	95
61) 4-Nitroaniline	15.13	138	275716	20.138 ng/ul	98
64) 4,6-Dinitro-2-methylphenol	15.20	198	273191	20.319 ng/ul#	98
65) N-Nitrosodiphenylamine	15.32	169	1207417	22.430 ng/ul	99
66) 4-Bromophenyl-phenylether	16.00	248	510496	21.141 ng/ul	99
67) Hexachlorobenzene	16.12	284	578200	20.260 ng/ul	98
68) Atrazine	16.29	200	452511	19.564 ng/ul	99
69) Pentachlorophenol	16.46	266	354842	20.779 ng/ul	99
70) Phenanthrene	16.84	178	2154317	20.503 ng/ul	99
72) Anthracene	16.93	178	2197811	20.624 ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	12.82	216	691967	21.867 ng/uL	99
74) Pentachlorobenzene	14.37	250	681326	20.289 ng/uL	99
75) Carbazole	17.20	167	1895016	21.345 ng/ul	99
76) Di-n-butylphthalate	17.80	149	2249367	19.914 ng/ul	100
77) Fluoranthene	18.87	202	2582069	20.017 ng/ul#	96
80) Pyrene	19.23	202	2607595	21.457 ng/ul#	95
81) Butylbenzylphthalate	20.17	149	1022528	22.495 ng/ul	98
82) 3,3'-Dichlorobenzidine	20.94	252	893568	20.821 ng/ul	98
83) Benzo(a)anthracene	21.00	228	2647689	21.410 ng/ul	100
84) Bis(2-ethylhexyl)phthalate	20.97	149	1455511	20.229 ng/ul	98
85) Chrysene	21.05	228	2496652	20.506 ng/ul	99
87) Di-n-octyl phthalate	21.82	149	2449001	20.341 ng/ul	100
88) Benzo(b)fluoranthene	22.49	252	2707981m	21.137 ng/ul	
89) Benzo(k)fluoranthene	22.54	252	2580898	20.930 ng/ul	99
91) Benzo(a)pyrene	23.02	252	2555035	22.245 ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.16	276	3027173	21.170 ng/ul	97
93) Dibenzo(a,h)anthracene	25.17	278	2553340	20.958 ng/ul	99
94) Benzo(g,h,i)perylene	25.77	276	2530885	21.281 ng/ul	99

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

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