Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031620\
Data File : BM025584.D
Acq On : 16 Mar 2020 17:32
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02009

Quant Time: Mar 16 18:11:32 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031420MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Mar 16 04:27:51 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	196184	20.00	ng/ul	0.00
18) Naphthalene-d8	10.40	136	825276	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.27	164	521001	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.02	188	1098819	20.00	ng/ul	0.00
78) Chrysene-d12	21.20	240	1087665	20.00	ng/ul	0.00
86) Perylene-d12	23.39	264	1251049	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.22	96	36126	7.73	ng/uL	0.00
5) Phenol-d5	6.82	99	326596	21.09	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.98	67	189206	21.41	ng/ul	0.00
9) 2-Chlorophenol-d4	7.17	132	275724	21.94	ng/ul	0.00
13) 4-Methylphenol-d8	8.35	113	271383	21.33	ng/ul	0.00
19) Nitrobenzene-d5	8.78	128	135187	22.04	ng/ul	0.00
22) 2-Nitrophenol-d4	9.50	143	146609	22.48	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.03	165	290354	21.77	ng/ul	0.00
29) 4-Chloroaniline-d4	10.54	131	317747	20.52	ng/ul	0.00
44) Dimethylphthalate-d6	13.69	166	816390	20.62	ng/ul	0.00
47) Acenaphthylene-d8	13.96	160	1021392	21.53	ng/ul	0.00
52) 4-Nitrophenol-d4	14.47	143	155661	20.65	ng/ul	0.00
58) Fluorene-d10	15.27	176	719405	20.70	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.39	200	123378	18.40	ng/ul	0.00
71) Anthracene-d10	17.11	188	1090175	21.24	ng/ul	0.00
79) Pyrene-d10	19.41	212	1151725	22.05	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.25	264	1348677	21.06	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.25	88	37908	7.529	ng/uL	92
4) Benzaldehyde	6.79	77	124739	15.211	ng/ul	97
6) Phenol	6.85	94	343022	21.215	ng/ul	95
8) Bis(2-Chloroethyl)ether	7.07	93	271183	21.179	ng/ul	99
10) 2-Chlorophenol	7.21	128	283527	21.434	ng/ul	98
11) 2-Methylphenol	8.08	108	266750	21.561	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.17	45	369566	21.632	ng/ul	97
14) Acetophenone	8.45	105	416600	21.229	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.45	70	212764	21.642	ng/ul	98
16) 4-Methylphenol	8.40	108	290091	21.479	ng/ul	97
17) Hexachloroethane	8.71	117	117370	21.343	ng/ul	96
20) Nitrobenzene	8.82	77	316341	21.169	ng/ul	98
21) Isophorone	9.35	82	595413	21.576	ng/ul	99
23) 2-Nitrophenol	9.53	139	160133	21.865	ng/ul	93
24) 2,4-Dimethylphenol	9.60	107	319101	21.487	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.83	93	374377	21.167	ng/ul	99
27) 2,4-Dichlorophenol	10.06	162	285867	21.607	ng/ul	98
28) Naphthalene	10.46	128	938650	20.884	ng/ul	99
30) 4-Chloroaniline	10.56	127	323044	20.561	ng/ul	97
31) Hexachlorobutadiene	10.76	225	177261	20.507	ng/ul	98
32) Caprolactam	11.32	113	86657	19.806	ng/ul	92
33) 4-Chloro-3-methylphenol	11.70	107	297609	21.638	ng/ul	98
34) 2-Methylnaphthalene	12.07	142	666058	20.748	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.29	142	661197	20.654 ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.45	216	344751	20.922 ng/ul	98
38) Hexachlorocyclopentadiene	12.44	237	199266	17.720 ng/ul	99
39) 2,4,6-Trichlorophenol	12.69	196	224934	21.471 ng/ul	99
40) 2,4,5-Trichlorophenol	12.76	196	245555	21.534 ng/ul	98
41) 1,1'-Biphenyl	13.10	154	876038	21.044 ng/ul	99
42) 2-Chloronaphthalene	13.13	162	687703	20.974 ng/ul	99
43) 2-Nitroaniline	13.34	65	183356	22.376 ng/ul	100
45) Dimethylphthalate	13.73	163	852756	20.689 ng/ul	99
46) 2,6-Dinitrotoluene	13.85	165	177421	21.885 ng/ul	96
48) Acenaphthylene	13.99	152	1101784	21.444 ng/ul	99
49) 3-Nitroaniline	14.17	138	147187	20.125 ng/ul	92
50) Acenaphthene	14.33	153	733281	20.994 ng/ul	99
51) 2,4-Dinitrophenol	14.38	184	85856	17.653 ng/ul	98
53) 4-Nitrophenol	14.49	109	114349	19.404 ng/ul	98
54) Dibenzofuran	14.67	168	1023601	20.659 ng/ul	98
55) 2,4-Dinitrotoluene	14.63	165	258486	21.809 ng/ul	96
56) 2,3,4,6-Tetrachlorophenol	14.90	232	213347	20.642 ng/ul	96
57) Diethylphthalate	15.11	149	854120	20.217 ng/ul	100
59) Fluorene	15.32	166	864193	20.735 ng/ul	99
60) 4-Chlorophenyl-phenylether	15.32	204	430373	20.176 ng/ul	98
61) 4-Nitroaniline	15.33	138	178719	20.536 ng/ul	98
64) 4,6-Dinitro-2-methylphenol	15.40	198	137669	18.778 ng/ul	97
65) N-Nitrosodiphenylamine	15.53	169	732422	21.570 ng/ul	99
66) 4-Bromophenyl-phenylether	16.22	248	283585	20.927 ng/ul	99
67) Hexachlorobenzene	16.33	284	335307	20.153 ng/ul	97
68) Atrazine	16.49	200	263822	20.601 ng/ul	99
69) Pentachlorophenol	16.67	266	196543	20.226 ng/ul	99
70) Phenanthrene	17.06	178	1354256	20.938 ng/ul	100
72) Anthracene	17.14	178	1404700	21.311 ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.06	216	363715	21.601 ng/uL	98
74) Pentachlorobenzene	14.60	250	397920	21.231 ng/uL	99
75) Carbazole	17.42	167	1205452	20.926 ng/ul	99
76) Di-n-butylphthalate	18.00	149	1478316	21.980 ng/ul	99
77) Fluoranthene	19.07	202	1551291	20.348 ng/ul	99
80) Pyrene	19.44	202	1588158	21.741 ng/ul	98
81) Butylbenzylphthalate	20.36	149	651283	23.410 ng/ul	100
82) 3,3'-Dichlorobenzidine	21.13	252	445705	18.034 ng/ul	99
83) Benzo(a)anthracene	21.19	228	1527784	21.305 ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.14	149	980539	22.721 ng/ul	100
85) Chrysene	21.24	228	1470440	20.900 ng/ul	100
87) Di-n-octyl phthalate	22.01	149	1676330	22.362 ng/ul	100
88) Benzo(b)fluoranthene	22.74	252	1613633	20.672 ng/ul	100
89) Benzo(k)fluoranthene	22.78	252	1629175	21.187 ng/ul	100
91) Benzo(a)pyrene	23.29	252	1497340	21.079 ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.55	276	1926677	20.538 ng/ul	99
93) Dibenzo(a,h)anthracene	25.56	278	1621134	20.407 ng/ul	99
94) Benzo(g,h,i)perylene	26.21	276	1589425	20.557 ng/ul	99

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

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