Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021920\
Data File : BM024943.D
Acq On : 19 Feb 2020 14:38
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Feb 19 23:25:47 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Feb 19 03:36:08 2020
Response via : Initial Calibration

Instrument : BNA_M
ClientSampleId : SSTD02024

Manual Integrations APPROVED
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2/20/2020 3:12:32 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	231086	20.00	ng/ul	0.00
18) Naphthalene-d8	10.14	136	838756	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.03	164	541447	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.79	188	1199747	20.00	ng/ul	0.00
78) Chrysene-d12	21.00	240	1299291	20.00	ng/ul	0.00
86) Perylene-d12	23.10	264	1429908	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.03	96	51783	10.78	ng/uL	0.00
5) Phenol-d5	6.59	99	331936	21.62	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.75	67	209764	24.19	ng/ul	0.00
9) 2-Chlorophenol-d4	6.93	132	288618	20.98	ng/ul	-0.01
13) 4-Methylphenol-d8	8.10	113	254771	19.67	ng/ul	0.00
19) Nitrobenzene-d5	8.53	128	133966	22.09	ng/ul	0.00
22) 2-Nitrophenol-d4	9.24	143	147786	20.62	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.77	165	299571	20.72	ng/ul	0.00
29) 4-Chloroaniline-d4	10.28	131	292140	21.60	ng/ul	0.00
44) Dimethylphthalate-d6	13.46	166	816172	19.97	ng/ul	0.00
47) Acenaphthylene-d8	13.72	160	1011973	21.20	ng/ul	0.00
52) 4-Nitrophenol-d4	14.26	143	121203	18.25	ng/ul	0.00
58) Fluorene-d10	15.04	176	746687	20.63	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.17	200	128237	16.40	ng/ul	0.00
71) Anthracene-d10	16.89	188	1158948m	21.16	ng/ul	-0.01
79) Pyrene-d10	19.20	212	1317031	20.26	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.97	264	1515336	21.10	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.06	88	49740	9.818	ng/uL#	86
4) Benzaldehyde	6.55	77	147603	14.619	ng/ul	97
6) Phenol	6.62	94	349851	21.651	ng/ul	97
8) Bis(2-Chloroethyl)ether	6.83	93	288907	22.142	ng/ul	99
10) 2-Chlorophenol	6.96	128	290037	20.684	ng/ul	99
11) 2-Methylphenol	7.84	108	256675	20.465	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	7.92	45	133493	13.010	ng/ul#	62
14) Acetophenone	8.20	105	407458	19.961	ng/ul#	91
15) N-Nitroso-di-n-propylamine	8.19	70	201988	20.936	ng/ul#	82
16) 4-Methylphenol	8.16	108	275576	20.350	ng/ul	98
17) Hexachloroethane	8.45	117	142312	22.508	ng/ul	87
20) Nitrobenzene	8.56	77	355110	24.659	ng/ul	92
21) Isophorone	9.09	82	585001	22.401	ng/ul	93
23) 2-Nitrophenol	9.27	139	154171	19.987	ng/ul#	86
24) 2,4-Dimethylphenol	9.35	107	304834	21.154	ng/ul	93
25) Bis(2-Chloroethoxy)methane	9.58	93	364294	22.239	ng/ul	98
27) 2,4-Dichlorophenol	9.80	162	288958	20.238	ng/ul	96
28) Naphthalene	10.19	128	903099	21.073	ng/ul	99
30) 4-Chloroaniline	10.30	127	286558	21.230	ng/ul	98
31) Hexachlorobutadiene	10.49	225	242888	20.480	ng/ul	99
32) Caprolactam	11.07	113	69162m	18.479	ng/ul	
33) 4-Chloro-3-methylphenol	11.45	107	263379	19.881	ng/ul	99
34) 2-Methylnaphthalene	11.81	142	638902	20.239	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.03	142	639394	20.309 ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.20	216	402216	21.007 ng/ul	97
38) Hexachlorocyclopentadiene	12.18	237	238643	17.674 ng/ul	99
39) 2,4,6-Trichlorophenol	12.44	196	236674	20.082 ng/ul	96
40) 2,4,5-Trichlorophenol	12.52	196	244092	19.816 ng/ul	99
41) 1,1'-Biphenyl	12.86	154	827850	20.711 ng/ul#	98
42) 2-Chloronaphthalene	12.89	162	692651	21.224 ng/ul	99
43) 2-Nitroaniline	13.10	65	159543	23.184 ng/ul	91
45) Dimethylphthalate	13.51	163	833986	19.561 ng/ul	100
46) 2,6-Dinitrotoluene	13.62	165	172518	20.010 ng/ul	93
48) Acenaphthylene	13.75	152	1044638	21.129 ng/ul	99
49) 3-Nitroaniline	13.94	138	118521	18.251 ng/ul	83
50) Acenaphthene	14.10	153	698772	20.929 ng/ul	98
51) 2,4-Dinitrophenol	14.17	184	67474	12.846 ng/ul	97
53) 4-Nitrophenol	14.27	109	102124	18.828 ng/ul	93
54) Dibenzofuran	14.44	168	1028007	20.655 ng/ul	99
55) 2,4-Dinitrotoluene	14.42	165	242669	19.722 ng/ul	98
56) 2,3,4,6-Tetrachlorophenol	14.67	232	227245	18.880 ng/ul#	94
57) Diethylphthalate	14.90	149	814097	19.297 ng/ul	98
59) Fluorene	15.09	166	843982	20.576 ng/ul	99
60) 4-Chlorophenyl-phenylether	15.10	204	463335	19.618 ng/ul	98
61) 4-Nitroaniline	15.12	138	124154	15.438 ng/ul	89
64) 4,6-Dinitro-2-methylphenol	15.19	198	137188	16.389 ng/ul	95
65) N-Nitrosodiphenylamine	15.32	169	706444	21.080 ng/ul	98
66) 4-Bromophenyl-phenylether	16.00	248	300966	20.020 ng/ul	99
67) Hexachlorobenzene	16.10	284	357133	20.101 ng/ul	96
68) Atrazine	16.29	200	268505	18.647 ng/ul	100
69) Pentachlorophenol	16.45	266	188690	17.749 ng/ul	98
70) Phenanthrene	16.83	178	1353468	20.690 ng/ul	99
72) Anthracene	16.92	178	1365014	20.575 ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	12.82	216	396079	20.105 ng/uL	98
74) Pentachlorobenzene	14.36	250	405035	19.374 ng/uL	98
75) Carbazole	17.20	167	1105624	20.004 ng/ul	99
76) Di-n-butylphthalate	17.79	149	1373374	19.530 ng/ul	99
77) Fluoranthene	18.86	202	1608277	20.027 ng/ul	97
80) Pyrene	19.23	202	1694560	19.703 ng/ul	97
81) Butylbenzylphthalate	20.17	149	598526	18.605 ng/ul	93
82) 3,3'-Dichlorobenzidine	20.93	252	454662	14.970 ng/ul	96
83) Benzo(a)anthracene	20.99	228	1692833	19.342 ng/ul	99
84) Bis(2-ethylhexyl)phthalate	20.96	149	902784	17.729 ng/ul#	98
85) Chrysene	21.04	228	1679918	19.497 ng/ul	100
87) Di-n-octyl phthalate	21.81	149	1506803	17.634 ng/ul	100
88) Benzo(b)fluoranthene	22.49	252	1869746m	20.564 ng/ul	
89) Benzo(k)fluoranthene	22.53	252	1767396	20.195 ng/ul	99
91) Benzo(a)pyrene	23.01	252	1690266	20.735 ng/ul#	99
92) Indeno(1,2,3-cd)pyrene	25.14	276	2144609	21.132 ng/ul	97
93) Dibenzo(a,h)anthracene	25.16	278	1823167	21.085 ng/ul	99
94) Benzo(g,h,i)perylene	25.76	276	1784195	21.138 ng/ul	98

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

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