Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022120\
Data File : BM025026.D
Acq On : 22 Feb 2020 14:44
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02011

Quant Time: Feb 24 06:03:10 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Feb 24 05:59:54 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.33	152	203928	20.00	ng/ul	0.00
18) Naphthalene-d8	10.09	136	821553	20.00	ng/ul	0.00
36) Acenaphthene-d10	13.99	164	548220	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.75	188	1252088	20.00	ng/ul	0.00
78) Chrysene-d12	20.96	240	1461586	20.00	ng/ul	0.00
86) Perylene-d12	23.04	264	1637933	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.94	96	40649	9.59	ng/uL	0.00
5) Phenol-d5	6.54	99	337033	24.88	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.69	67	193823	25.33	ng/ul	0.00
9) 2-Chlorophenol-d4	6.88	132	275596	22.71	ng/ul	0.00
13) 4-Methylphenol-d8	8.06	113	270663	23.68	ng/ul	0.00
19) Nitrobenzene-d5	8.47	128	130893	22.03	ng/ul	0.00
22) 2-Nitrophenol-d4	9.19	143	153382	21.85	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.73	165	295787	20.89	ng/ul	0.00
29) 4-Chloroaniline-d4	10.23	131	309034	23.33	ng/ul	0.00
44) Dimethylphthalate-d6	13.42	166	838161	20.25	ng/ul	0.00
47) Acenaphthylene-d8	13.67	160	1057270	21.88	ng/ul	0.00
52) 4-Nitrophenol-d4	14.23	143	140499	20.89	ng/ul	0.00
58) Fluorene-d10	15.00	176	763154	20.83	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.13	200	150738	18.47	ng/ul	0.00
71) Anthracene-d10	16.84	188	1220543	21.35	ng/ul	0.00
79) Pyrene-d10	19.16	212	1455210	19.90	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.92	264	1757537	21.36	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.97	88	41512	9.285	ng/uL#	87
4) Benzaldehyde	6.49	77	131532	14.762	ng/ul	96
6) Phenol	6.56	94	350870	24.606	ng/ul	92
8) Bis(2-Chloroethyl)ether	6.78	93	274073	23.803	ng/ul	100
10) 2-Chlorophenol	6.90	128	280390	22.659	ng/ul	98
11) 2-Methylphenol	7.79	108	257564	23.271	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	7.87	45	149927	16.557	ng/ul#	75
14) Acetophenone	8.15	105	423129	23.489	ng/ul#	95
15) N-Nitroso-di-n-propylamine	8.15	70	217930	25.596	ng/ul#	85
16) 4-Methylphenol	8.12	108	283271	23.705	ng/ul	97
17) Hexachloroethane	8.39	117	118144	21.174	ng/ul	88
20) Nitrobenzene	8.52	77	332715	23.588	ng/ul	95
21) Isophorone	9.05	82	593377	23.198	ng/ul	94
23) 2-Nitrophenol	9.22	139	162356	21.489	ng/ul	94
24) 2,4-Dimethylphenol	9.30	107	304534	21.575	ng/ul	96
25) Bis(2-Chloroethoxy)methane	9.53	93	359616	22.414	ng/ul	97
27) 2,4-Dichlorophenol	9.75	162	287590	20.564	ng/ul	96
28) Naphthalene	10.14	128	907872	21.628	ng/ul	99
30) 4-Chloroaniline	10.26	127	308411	23.328	ng/ul	100
31) Hexachlorobutadiene	10.44	225	205375	17.679	ng/ul	99
32) Caprolactam	11.03	113	86222	23.520	ng/ul	84
33) 4-Chloro-3-methylphenol	11.40	107	289004	22.272	ng/ul	98
34) 2-Methylnaphthalene	11.76	142	636155	20.574	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	11.99	142	642947	20.850 ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.15	216	378200	19.508 ng/ul	97
38) Hexachlorocyclopentadiene	12.14	237	174534	12.767 ng/ul	99
39) 2,4,6-Trichlorophenol	12.40	196	244084	20.455 ng/ul	97
40) 2,4,5-Trichlorophenol	12.47	196	254929	20.440 ng/ul	99
41) 1,1'-Biphenyl	12.82	154	838179	20.711 ng/ul#	98
42) 2-Chloronaphthalene	12.85	162	697113	21.096 ng/ul	98
43) 2-Nitroaniline	13.06	65	166260	23.862 ng/ul	95
45) Dimethylphthalate	13.47	163	860287	19.928 ng/ul	100
46) 2,6-Dinitrotoluene	13.58	165	181720	20.817 ng/ul	97
48) Acenaphthylene	13.70	152	1090159	21.778 ng/ul	99
49) 3-Nitroaniline	13.91	138	129978	19.768 ng/ul	91
50) Acenaphthene	14.06	153	718173	21.244 ng/ul	99
51) 2,4-Dinitrophenol	14.12	184	85737	16.122 ng/ul	94
53) 4-Nitrophenol	14.24	109	102402	18.646 ng/ul	86
54) Dibenzofuran	14.40	168	1050224	20.841 ng/ul	98
55) 2,4-Dinitrotoluene	14.38	165	267667	21.485 ng/ul	99
56) 2,3,4,6-Tetrachlorophenol	14.63	232	247326	20.294 ng/ul	98
57) Diethylphthalate	14.86	149	814200	19.061 ng/ul	99
59) Fluorene	15.05	166	866613	20.866 ng/ul	98
60) 4-Chlorophenyl-phenylether	15.06	204	452849	18.938 ng/ul	96
61) 4-Nitroaniline	15.08	138	158548	19.471 ng/ul	94
64) 4,6-Dinitro-2-methylphenol	15.15	198	157936	18.079 ng/ul	99
65) N-Nitrosodiphenylamine	15.27	169	727113	20.789 ng/ul	98
66) 4-Bromophenyl-phenylether	15.96	248	293424	18.702 ng/ul	97
67) Hexachlorobenzene	16.06	284	364148	19.639 ng/ul	99
68) Atrazine	16.25	200	278916	18.560 ng/ul	99
69) Pentachlorophenol	16.41	266	214458	19.329 ng/ul	97
70) Phenanthrene	16.79	178	1467556	21.496 ng/ul	99
72) Anthracene	16.88	178	1442344	20.832 ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	12.77	216	386235	18.786 ng/uL	96
74) Pentachlorobenzene	14.32	250	396994	18.195 ng/uL	99
75) Carbazole	17.16	167	1215219	21.068 ng/ul	99
76) Di-n-butylphthalate	17.76	149	1348675	18.377 ng/ul	100
77) Fluoranthene	18.82	202	1835463	21.901 ng/ul#	96
80) Pyrene	19.19	202	1919716	19.843 ng/ul#	94
81) Butylbenzylphthalate	20.13	149	669011	18.487 ng/ul	94
82) 3,3'-Dichlorobenzidine	20.89	252	558047	16.334 ng/ul	96
83) Benzo(a)anthracene	20.95	228	1891696	19.214 ng/ul	99
84) Bis(2-ethylhexyl)phthalate	20.93	149	937021	16.358 ng/ul	100
85) Chrysene	21.00	228	1886149	19.460 ng/ul	99
87) Di-n-octyl phthalate	21.77	149	1641634	16.772 ng/ul	100
88) Benzo(b)fluoranthene	22.43	252	2113482	20.292 ng/ul#	99
89) Benzo(k)fluoranthene	22.47	252	2061039	20.559 ng/ul#	98
91) Benzo(a)pyrene	22.95	252	1927737	20.645 ng/ul#	99
92) Indeno(1,2,3-cd)pyrene	25.06	276	2469421	21.242 ng/ul	97
93) Dibenzo(a,h)anthracene	25.07	278	2097654	21.178 ng/ul	98
94) Benzo(g,h,i)perylene	25.66	276	2084408	21.559 ng/ul	99

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

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