Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM060120\
Data File : BM026238.D
Acq On : 02 Jun 2020 21:31
Operator : JU/CG
Sample : SSTDCCC020EC
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02091

Quant Time: Jun 02 22:25:48 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 02 03:00:44 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.47	152	168760	20.00	ng/ul	0.00
18) Naphthalene-d8	10.23	136	800856	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.12	164	515054	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.86	188	1092834	20.00	ng/ul	0.00
78) Chrysene-d12	21.07	240	1150186	20.00	ng/ul	0.00
86) Perylene-d12	23.18	264	1199086	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.05	96	35532	6.35	ng/uL	0.00
5) Phenol-d5	6.67	99	369822	24.16	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.82	67	237112	22.39	ng/ul	0.00
9) 2-Chlorophenol-d4	7.01	132	271586	22.67	ng/ul	0.00
13) 4-Methylphenol-d8	8.19	113	288087	24.97	ng/ul	0.00
19) Nitrobenzene-d5	8.61	128	130442	19.98	ng/ul	0.00
22) 2-Nitrophenol-d4	9.33	143	145838	22.58	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.86	165	279859	21.58	ng/ul	0.00
29) 4-Chloroaniline-d4	10.37	131	333533	25.36	ng/ul	0.00
44) Dimethylphthalate-d6	13.54	166	802996	19.44	ng/ul	0.00
47) Acenaphthylene-d8	13.80	160	973784	19.90	ng/ul	0.00
52) 4-Nitrophenol-d4	14.34	143	145436	19.88	ng/ul	0.00
58) Fluorene-d10	15.12	176	694189	19.32	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.25	200	122976	19.30	ng/ul	0.00
71) Anthracene-d10	16.96	188	1062949	19.74	ng/ul	0.00
79) Pyrene-d10	19.27	212	1171180	19.82	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.05	264	1274127	19.96	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.08	88	38663	6.65	ng/uL	90
4) Benzaldehyde	6.62	77	167399	16.80	ng/ul	96
6) Phenol	6.69	94	404980	23.60	ng/ul	99
8) Bis(2-Chloroethyl)ether	6.91	93	296075	22.42	ng/ul	98
10) 2-Chlorophenol	7.04	128	295949	22.66	ng/ul	96
11) 2-Methylphenol	7.92	108	289301	24.47	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.00	45	548520	22.89	ng/ul	97
14) Acetophenone	8.29	105	463331	23.94	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.28	70	266299	23.35	ng/ul	97
16) 4-Methylphenol	8.25	108	317283	24.67	ng/ul	100
17) Hexachloroethane	8.53	117	114886	20.50	ng/ul	95
20) Nitrobenzene	8.65	77	382744	19.09	ng/ul	96
21) Isophorone	9.18	82	682901	20.48	ng/ul	99
23) 2-Nitrophenol	9.36	139	161080	21.46	ng/ul	95
24) 2,4-Dimethylphenol	9.43	107	361241	20.14	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.67	93	407684	19.38	ng/ul	98
27) 2,4-Dichlorophenol	9.89	162	285757	21.25	ng/ul	99
28) Naphthalene	10.27	128	924547	18.88	ng/ul	100
30) 4-Chloroaniline	10.40	127	344377	25.07	ng/ul	99
31) Hexachlorobutadiene	10.57	225	172478	19.11	ng/ul	98
32) Caprolactam	11.18	113	87854	23.49	ng/ul	98
33) 4-Chloro-3-methylphenol	11.54	107	334512	21.48	ng/ul	95
34) 2-Methylnaphthalene	11.90	142	662803	20.12	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.12	142	618756	20.25	ng/ul	100
37) 1,2,4,5-Tetrachlorobenzene	12.28	216	349709	18.94	ng/ul	100
38) Hexachlorocyclopentadiene	12.26	237	190226	17.87	ng/ul	96
39) 2,4,6-Trichlorophenol	12.53	196	226038	21.05	ng/ul	99
40) 2,4,5-Trichlorophenol	12.60	196	245520	20.72	ng/ul	98
41) 1,1'-Biphenyl	12.94	154	859326	18.80	ng/ul	98
42) 2-Chloronaphthalene	12.97	162	661320	18.75	ng/ul	97
43) 2-Nitroaniline	13.19	65	251150	21.13	ng/ul	97
45) Dimethylphthalate	13.59	163	832376	19.20	ng/ul	99
46) 2,6-Dinitrotoluene	13.70	165	174525	21.93	ng/ul	94
48) Acenaphthylene	13.83	152	1039892	19.36	ng/ul	99
49) 3-Nitroaniline	14.03	138	171199	24.17	ng/ul	98
50) Acenaphthene	14.18	153	715273	18.88	ng/ul	98
51) 2,4-Dinitrophenol	14.24	184	79189	18.11	ng/ul	90
53) 4-Nitrophenol	14.36	109	128178	19.69	ng/ul	95
54) Dibenzofuran	14.52	168	1011385	19.00	ng/ul	99
55) 2,4-Dinitrotoluene	14.50	165	252960	21.45	ng/ul	96
56) 2,3,4,6-Tetrachlorophenol	14.76	232	205403	20.61	ng/ul	96
57) Diethylphthalate	14.97	149	833799	19.45	ng/ul	99
59) Fluorene	15.17	166	835924	19.41	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.17	204	418410	19.47	ng/ul	100
61) 4-Nitroaniline	15.20	138	188580	21.31	ng/ul	96
64) 4,6-Dinitro-2-methylphenol	15.27	198	128682	19.18	ng/ul	94
65) N-Nitrosodiphenylamine	15.39	169	719229	19.64	ng/ul	100
66) 4-Bromophenyl-phenylether	16.07	248	256616	20.16	ng/ul	97
67) Hexachlorobenzene	16.18	284	282864	19.77	ng/ul	97
68) Atrazine	16.36	200	249933	20.84	ng/ul	98
69) Pentachlorophenol	16.53	266	136863	17.37	ng/ul	99
70) Phenanthrene	16.91	178	1302183	18.92	ng/ul	100
72) Anthracene	17.00	178	1345005	19.47	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	12.90	216	350007	19.17	ng/uL	99
74) Pentachlorobenzene	14.44	250	336849	19.45	ng/uL	98
75) Carbazole	17.27	167	1190392	20.83	ng/ul	100
76) Di-n-butylphthalate	17.86	149	1394723	20.38	ng/ul	99
77) Fluoranthene	18.93	202	1511309	20.93	ng/ul	99
80) Pyrene	19.30	202	1582082	19.59	ng/ul	96
81) Butylbenzylphthalate	20.23	149	628617	21.99	ng/ul	94
82) 3,3'-Dichlorobenzidine	21.00	252	474987	22.55	ng/ul	99
83) Benzo(a)anthracene	21.05	228	1542421	19.46	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.02	149	923186	20.84	ng/ul	99
85) Chrysene	21.10	228	1502210	19.06	ng/ul	100
87) Di-n-octyl phthalate	21.87	149	1563613	20.75	ng/ul	100
88) Benzo(b)fluoranthene	22.56	252	1579850	19.48	ng/ul	98
89) Benzo(k)fluoranthene	22.60	252	1547335	19.10	ng/ul	99
91) Benzo(a)pyrene	23.09	252	1397458	19.58	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.26	276	1793264	19.36	ng/ul	98
93) Dibenzo(a,h)anthracene	25.27	278	1516683	19.33	ng/ul	99
94) Benzo(g,h,i)perylene	25.89	276	1462739	18.92	ng/ul	98

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

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