Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052120\
Data File : BM026062.D
Acq On : 21 May 2020 17:39
Operator : MA/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02070

Quant Time: May 21 18:15:23 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu May 21 10:18:34 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.50	152	148161	20.00	ng/ul	0.00
18) Naphthalene-d8	10.26	136	617735	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.15	164	375093	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.89	188	816320	20.00	ng/ul	0.00
78) Chrysene-d12	21.09	240	859582	20.00	ng/ul	0.00
86) Perylene-d12	23.21	264	880416	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.07	96	34058	6.93	ng/uL	0.00
5) Phenol-d5	6.69	99	282416	21.01	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.85	67	189927	20.43	ng/ul	0.00
9) 2-Chlorophenol-d4	7.04	132	206436	19.62	ng/ul	0.00
13) 4-Methylphenol-d8	8.21	113	217342	21.46	ng/ul	0.00
19) Nitrobenzene-d5	8.64	128	100178	19.89	ng/ul	0.00
22) 2-Nitrophenol-d4	9.36	143	104032	20.88	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.89	165	202643	20.26	ng/ul	0.00
29) 4-Chloroaniline-d4	10.40	131	264124	26.04	ng/ul	0.00
44) Dimethylphthalate-d6	13.56	166	592082	19.68	ng/ul	0.00
47) Acenaphthylene-d8	13.83	160	708072	19.87	ng/ul	0.00
52) 4-Nitrophenol-d4	14.36	143	111656	20.96	ng/ul	0.00
58) Fluorene-d10	15.14	176	513726	19.64	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.27	200	91664	19.26	ng/ul	0.00
71) Anthracene-d10	16.99	188	785253	19.52	ng/ul	0.00
79) Pyrene-d10	19.29	212	876891	19.86	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.08	264	932971	19.91	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.10	88	36157	7.085	ng/uL	89
4) Benzaldehyde	6.65	77	196657	22.485	ng/ul	96
6) Phenol	6.72	94	313089	20.780	ng/ul	99
8) Bis(2-Chloroethyl)ether	6.94	93	235563	20.320	ng/ul	98
10) 2-Chlorophenol	7.07	128	223244	19.469	ng/ul	96
11) 2-Methylphenol	7.95	108	219611	21.155	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.04	45	433396	20.596	ng/ul	99
14) Acetophenone	8.32	105	354698	20.873	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.30	70	204152	20.387	ng/ul	95
16) 4-Methylphenol	8.28	108	242027	21.438	ng/ul	98
17) Hexachloroethane	8.56	117	94493	19.209	ng/ul	96
20) Nitrobenzene	8.68	77	293145	18.953	ng/ul	97
21) Isophorone	9.21	82	517291	20.108	ng/ul	99
23) 2-Nitrophenol	9.39	139	120199	20.758	ng/ul	94
24) 2,4-Dimethylphenol	9.46	107	268344	19.398	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.69	93	310298	19.124	ng/ul	99
27) 2,4-Dichlorophenol	9.92	162	208333	20.083	ng/ul	98
28) Naphthalene	10.31	128	721196	19.095	ng/ul	99
30) 4-Chloroaniline	10.43	127	274601	25.912	ng/ul	98
31) Hexachlorobutadiene	10.61	225	131225	18.853	ng/ul	97
32) Caprolactam	11.19	113	64512	22.360	ng/ul	94
33) 4-Chloro-3-methylphenol	11.56	107	246681	20.532	ng/ul	100
34) 2-Methylnaphthalene	11.93	142	497897	19.599	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.16	142	459474	19.495 ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.32	216	252413	18.775 ng/ul	98
38) Hexachlorocyclopentadiene	12.30	237	148415	19.149 ng/ul	97
39) 2,4,6-Trichlorophenol	12.56	196	160850	20.565 ng/ul	97
40) 2,4,5-Trichlorophenol	12.63	196	174518	20.220 ng/ul	98
41) 1,1'-Biphenyl	12.97	154	628621	18.887 ng/ul	99
42) 2-Chloronaphthalene	13.00	162	487001	18.961 ng/ul	98
43) 2-Nitroaniline	13.22	65	177462	20.500 ng/ul	93
45) Dimethylphthalate	13.61	163	616218	19.513 ng/ul	99
46) 2,6-Dinitrotoluene	13.73	165	121650	20.994 ng/ul	96
48) Acenaphthylene	13.86	152	772301	19.740 ng/ul	100
49) 3-Nitroaniline	14.05	138	127455	24.711 ng/ul	96
50) Acenaphthene	14.20	153	533506	19.336 ng/ul	100
51) 2,4-Dinitrophenol	14.26	184	59035	18.534 ng/ul	95
53) 4-Nitrophenol	14.37	109	97414	20.551 ng/ul	96
54) Dibenzofuran	14.55	168	748677	19.308 ng/ul	100
55) 2,4-Dinitrotoluene	14.52	165	180616	21.032 ng/ul	92
56) 2,3,4,6-Tetrachlorophenol	14.78	232	151388	20.857 ng/ul	99
57) Diethylphthalate	14.99	149	617903	19.787 ng/ul	99
59) Fluorene	15.20	166	620084	19.769 ng/ul	99
60) 4-Chlorophenyl-phenylether	15.20	204	304079	19.426 ng/ul	98
61) 4-Nitroaniline	15.22	138	143129	22.214 ng/ul	96
64) 4,6-Dinitro-2-methylphenol	15.29	198	96227	19.203 ng/ul	94
65) N-Nitrosodiphenylamine	15.42	169	528445	19.315 ng/ul	99
66) 4-Bromophenyl-phenylether	16.09	248	185774	19.542 ng/ul	99
67) Hexachlorobenzene	16.20	284	209295	19.581 ng/ul	99
68) Atrazine	16.38	200	184803	20.627 ng/ul	99
69) Pentachlorophenol	16.55	266	114804	19.502 ng/ul	99
70) Phenanthrene	16.93	178	982501	19.107 ng/ul	100
72) Anthracene	17.02	178	1000425	19.392 ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	12.93	216	255467	18.736 ng/uL	99
74) Pentachlorobenzene	14.47	250	246347	19.044 ng/uL	100
75) Carbazole	17.30	167	906492	21.240 ng/ul	99
76) Di-n-butylphthalate	17.88	149	1048340	20.509 ng/ul	99
77) Fluoranthene	18.96	202	1146414	21.254 ng/ul	99
80) Pyrene	19.32	202	1193691	19.781 ng/ul	98
81) Butylbenzylphthalate	20.25	149	463566	21.703 ng/ul	94
82) 3,3'-Dichlorobenzidine	21.02	252	366392	23.276 ng/ul	99
83) Benzo(a)anthracene	21.07	228	1155413	19.501 ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.04	149	704699	21.284 ng/ul	98
85) Chrysene	21.13	228	1144957	19.442 ng/ul	99
87) Di-n-octyl phthalate	21.89	149	1173050	21.200 ng/ul	100
88) Benzo(b)fluoranthene	22.59	252	1207260	20.273 ng/ul	99
89) Benzo(k)fluoranthene	22.63	252	1126582	18.940 ng/ul	100
91) Benzo(a)pyrene	23.12	252	1031346	19.679 ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.30	276	1305708	19.197 ng/ul	99
93) Dibenzo(a,h)anthracene	25.31	278	1103859	19.165 ng/ul	100
94) Benzo(g,h,i)perylene	25.93	276	1083609	19.087 ng/ul	98

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

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