Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051819\
Data File : BM020421.D
Acq On : 19 May 2019 04:42
Operator : JU/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02017

Manual Integrations APPROVED
mohammad
5/20/2019 2:48:39 PM

Quant Time: May 20 09:59:59 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat May 18 05:13:49 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	96016	20.00	ng/ul	0.00
18) Naphthalene-d8	10.53	136	355615	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.39	164	199586	20.00	ng/ul	0.01
61) Phenanthrene-d10	17.14	188	434899	20.00	ng/ul	0.01
77) Chrysene-d12	21.33	240	397410	20.00	ng/ul	0.01
85) Perylene-d12	23.61	264	487416	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.22	96	19268	7.41	ng/uL	0.00
5) Phenol-d5	6.90	99	157590	20.57	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.07	67	98715	20.27	ng/ul	0.00
9) 2-Chlorophenol-d4	7.27	132	122996	21.89	ng/ul	0.00
13) 4-Methylphenol-d8	8.45	113	118241	21.20	ng/ul	0.01
19) Nitrobenzene-d5	8.90	128	55950	24.18	ng/ul	0.00
22) 2-Nitrophenol-d4	9.62	143	60880	23.86	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.15	165	126646	23.47	ng/ul	0.00
29) 4-Chloroaniline-d4	10.68	131	123205	22.11	ng/ul	0.01
43) Dimethylphthalate-d6	13.80	166	325803	22.69	ng/ul	0.00
46) Acenaphthylene-d8	14.08	160	412505	22.96	ng/ul	0.00
51) 4-Nitrophenol-d4	14.61	143	42631	20.45	ng/ul	0.01
57) Fluorene-d10	15.39	176	272843	21.36	ng/ul	0.01
62) 4,6-Dinitro-2-methylphenol	15.53	200	30542	12.33	ng/ul	0.02
70) Anthracene-d10	17.24	188	420376	22.54	ng/ul	0.01
78) Pyrene-d10	19.54	212	446132	23.31	ng/ul	0.02
89) Benzo(a)pyrene-d12	23.47	264	483141	21.81	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.26	88	20858	7.683	ng/uL	97
4) Benzaldehyde	6.89	77	124652	18.997	ng/ul	99
6) Phenol	6.93	94	164985	20.476	ng/ul	95
8) Bis(2-Chloroethyl)ether	7.17	93	124716	20.481	ng/ul	98
10) 2-Chlorophenol	7.30	128	123881	21.608	ng/ul	99
11) 2-Methylphenol	8.18	108	115140	21.025	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.25	45	91500m	22.097	ng/ul	
14) Acetophenone	8.57	105	187708	19.710	ng/ul	96
15) N-Nitroso-di-n-propylamine	8.55	70	111972	20.603	ng/ul	98
16) 4-Methylphenol	8.51	108	121848	20.539	ng/ul	97
17) Hexachloroethane	8.80	117	53177	19.641	ng/ul	94
20) Nitrobenzene	8.95	77	161592	21.444	ng/ul	95
21) Isophorone	9.47	82	288182	22.102	ng/ul	99
23) 2-Nitrophenol	9.65	139	64206	23.262	ng/ul	90
24) 2,4-Dimethylphenol	9.70	107	140713	22.230	ng/ul	95
25) Bis(2-Chloroethoxy)methane	9.95	93	160427	22.745	ng/ul	96
27) 2,4-Dichlorophenol	10.18	162	120595	22.971	ng/ul	99
28) Naphthalene	10.58	128	361443	22.122	ng/ul	100
30) 4-Chloroaniline	10.70	127	126289	22.157	ng/ul	99
31) Hexachlorobutadiene	10.84	225	99258	21.722	ng/ul	96
32) Caprolactam	11.50	113	31103	20.760	ng/ul	97
33) 4-Chloro-3-methylphenol	11.83	107	119592	22.539	ng/ul	93
34) 2-Methylnaphthalene	12.20	142	257023	21.727	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.57	216	171326	23.811 ng/ul	97
37) Hexachlorocyclopentadiene	12.53	237	32870	7.635 ng/ul	97
38) 2,4,6-Trichlorophenol	12.82	196	101771	24.206 ng/ul	98
39) 2,4,5-Trichlorophenol	12.89	196	106202	25.567 ng/ul	97
40) 1,1'-Biphenyl	13.22	154	333011	23.306 ng/ul	99
41) 2-Chloronaphthalene	13.26	162	265803	23.366 ng/ul	98
42) 2-Nitroaniline	13.49	65	70500	24.196 ng/ul	93
44) Dimethylphthalate	13.84	163	322297	22.688 ng/ul	99
45) 2,6-Dinitrotoluene	13.98	165	60745	24.497 ng/ul	95
47) Acenaphthylene	14.11	152	390181	23.036 ng/ul	100
48) 3-Nitroaniline	14.32	138	49494	23.756 ng/ul	99
49) Acenaphthene	14.46	153	261499	22.457 ng/ul	99
50) 2,4-Dinitrophenol	14.54	184	14578	9.491 ng/ul	95
52) 4-Nitrophenol	14.62	109	40778	18.708 ng/ul	94
53) Dibenzofuran	14.79	168	391152	22.182 ng/ul	95
54) 2,4-Dinitrotoluene	14.78	165	84471	22.261 ng/ul	89
55) 2,3,4,6-Tetrachlorophenol	15.02	232	91500	21.888 ng/ul#	94
56) Diethylphthalate	15.21	149	302444	22.013 ng/ul	99
58) Fluorene	15.44	166	300333	21.261 ng/ul	99
59) 4-Chlorophenyl-phenylether	15.43	204	180189	21.740 ng/ul	99
60) 4-Nitroaniline	15.48	138	47131	20.798 ng/ul	99
63) 4,6-Dinitro-2-methylphenol	15.54	198	31543	12.238 ng/ul#	93
64) N-Nitrosodiphenylamine	15.66	169	259855	24.148 ng/ul	98
65) 4-Bromophenyl-phenylether	16.33	248	110032	23.189 ng/ul	99
66) Hexachlorobenzene	16.44	284	121982	21.936 ng/ul	99
67) Atrazine	16.61	200	96119	21.822 ng/ul	97
68) Pentachlorophenol	16.79	266	68259	21.094 ng/ul	98
69) Phenanthrene	17.19	178	459208	22.161 ng/ul	99
71) Anthracene	17.27	178	474205	22.497 ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.18	216	170895	25.729 ng/uL	99
73) Pentachlorobenzene	14.70	250	154569	23.912 ng/uL	98
74) Carbazole	17.55	167	387122	21.637 ng/ul	100
75) Di-n-butylphthalate	18.10	149	467038	24.050 ng/ul	99
76) Fluoranthene	19.20	202	545409	20.836 ng/ul	100
79) Pyrene	19.57	202	547902	22.970 ng/ul	100
80) Butylbenzylphthalate	20.46	149	190972	25.535 ng/ul	99
81) 3,3'-Dichlorobenzidine	21.26	252	206971	28.415 ng/ul	93
82) Benzo(a)anthracene	21.32	228	548604	22.936 ng/ul	100
83) Bis(2-ethylhexyl)phthalate	21.23	149	273413	25.186 ng/ul#	97
84) Chrysene	21.37	228	516301	22.587 ng/ul	98
86) Di-n-octyl phthalate	22.11	149	484157	20.454 ng/ul	100
87) Benzo(b)fluoranthene	22.92	252	578250	20.787 ng/ul	98
88) Benzo(k)fluoranthene	22.97	252	565810	20.707 ng/ul	99
90) Benzo(a)pyrene	23.51	252	574914	21.961 ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.93	276	700990	23.499 ng/ul	99
92) Dibenzo(a,h)anthracene	25.94	278	601971	23.598 ng/ul	100
93) Benzo(g,h,i)perylene	26.64	276	592890	24.011 ng/ul	98

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

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