Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051719\
Data File : BM020396.D
Acq On : 18 May 2019 11:11
Operator : JU/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02014

Manual Integrations APPROVED
mohammad
5/20/2019 2:47:14 PM

Quant Time: May 20 06:45:10 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	7.73	152	72150	20.00	ng/ul	0.00
18) Naphthalene-d8	10.52	136	262504	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.38	164	162044	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.13	188	388145	20.00	ng/ul	0.00
77) Chrysene-d12	21.32	240	423337	20.00	ng/ul	0.00
85) Perylene-d12	23.59	264	465778	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.22	96	16088	8.23	ng/uL	0.00
5) Phenol-d5	6.90	99	111332	19.34	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.07	67	70902	19.38	ng/ul	0.00
9) 2-Chlorophenol-d4	7.26	132	84790	20.09	ng/ul	0.00
13) 4-Methylphenol-d8	8.43	113	78147	18.64	ng/ul	0.00
19) Nitrobenzene-d5	8.90	128	36935	21.63	ng/ul	0.00
22) 2-Nitrophenol-d4	9.61	143	39202	20.81	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.14	165	86010	21.59	ng/ul	0.00
29) 4-Chloroaniline-d4	10.67	131	88656	21.55	ng/ul	0.00
43) Dimethylphthalate-d6	13.79	166	245179	21.03	ng/ul	0.00
46) Acenaphthylene-d8	14.07	160	300260	20.59	ng/ul	0.00
51) 4-Nitrophenol-d4	14.59	143	31260	18.47	ng/ul	0.00
57) Fluorene-d10	15.37	176	215869	20.82	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.50	200	37626	17.02	ng/ul	0.00
70) Anthracene-d10	17.23	188	339283	20.38	ng/ul	0.00
78) Pyrene-d10	19.53	212	403574	19.79	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.44	264	441559	20.86	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.26	88	17517	8.586	ng/uL	95
4) Benzaldehyde	6.89	77	90857	18.426	ng/ul	95
6) Phenol	6.92	94	114343	18.885	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.16	93	90638	19.808	ng/ul	98
10) 2-Chlorophenol	7.29	128	86914	20.175	ng/ul	99
11) 2-Methylphenol	8.17	108	78657	19.114	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.25	45	62479	20.079	ng/ul	98
14) Acetophenone	8.56	105	135914	18.992	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.54	70	78820	19.300	ng/ul	99
16) 4-Methylphenol	8.50	108	83550	18.742	ng/ul	99
17) Hexachloroethane	8.79	117	41489	20.393	ng/ul	94
20) Nitrobenzene	8.94	77	117786	21.175	ng/ul	97
21) Isophorone	9.46	82	199814	20.760	ng/ul	100
23) 2-Nitrophenol	9.65	139	41781	20.506	ng/ul	93
24) 2,4-Dimethylphenol	9.70	107	95058	20.344	ng/ul	95
25) Bis(2-Chloroethoxy)methane	9.94	93	111861	21.485	ng/ul	97
27) 2,4-Dichlorophenol	10.17	162	83054	21.431	ng/ul	98
28) Naphthalene	10.57	128	250166	20.742	ng/ul	100
30) 4-Chloroaniline	10.69	127	90279	21.457	ng/ul	95
31) Hexachlorobutadiene	10.83	225	73322	21.738	ng/ul	96
32) Caprolactam	11.49	113	20052m	18.131	ng/ul	
33) 4-Chloro-3-methylphenol	11.82	107	80603	20.579	ng/ul	98
34) 2-Methylnaphthalene	12.19	142	180017	20.615	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.56	216	124653	21.338 ng/ul	99
37) Hexachlorocyclopentadiene	12.52	237	52995	15.161 ng/ul	98
38) 2,4,6-Trichlorophenol	12.80	196	71008	20.802 ng/ul	98
39) 2,4,5-Trichlorophenol	12.87	196	72293	21.436 ng/ul	97
40) 1,1'-Biphenyl	13.21	154	243669	21.005 ng/ul	100
41) 2-Chloronaphthalene	13.25	162	194142	21.020 ng/ul	99
42) 2-Nitroaniline	13.47	65	44912	18.985 ng/ul	91
44) Dimethylphthalate	13.84	163	243359	21.100 ng/ul	99
45) 2,6-Dinitrotoluene	13.97	165	42157	20.939 ng/ul	97
47) Acenaphthylene	14.10	152	285470	20.758 ng/ul	99
48) 3-Nitroaniline	14.30	138	32818	19.402 ng/ul	96
49) Acenaphthene	14.45	153	196467	20.781 ng/ul	100
50) 2,4-Dinitrophenol	14.52	184	17200	13.792 ng/ul	90
52) 4-Nitrophenol	14.61	109	32126	18.154 ng/ul	99
53) Dibenzofuran	14.78	168	299923	20.949 ng/ul	97
54) 2,4-Dinitrotoluene	14.76	165	64948	21.082 ng/ul	97
55) 2,3,4,6-Tetrachlorophenol	15.00	232	69167	20.379 ng/ul	97
56) Diethylphthalate	15.20	149	233228	20.908 ng/ul	99
58) Fluorene	15.43	166	236758	20.643 ng/ul	100
59) 4-Chlorophenyl-phenylether	15.43	204	143126	21.269 ng/ul	97
60) 4-Nitroaniline	15.47	138	31236	16.977 ng/ul	95
63) 4,6-Dinitro-2-methylphenol	15.52	198	39622	17.224 ng/ul#	94
64) N-Nitrosodiphenylamine	15.64	169	201783	21.010 ng/ul	99
65) 4-Bromophenyl-phenylether	16.32	248	89767	21.197 ng/ul	94
66) Hexachlorobenzene	16.43	284	102666	20.687 ng/ul	96
67) Atrazine	16.60	200	76678	19.505 ng/ul	97
68) Pentachlorophenol	16.77	266	54869	18.999 ng/ul	96
69) Phenanthrene	17.17	178	386474	20.897 ng/ul	99
71) Anthracene	17.26	178	386746	20.558 ng/ul	100
72) 1,2,3,4-Tetrachlorobenzene	13.17	216	126631	21.361 ng/uL	98
73) Pentachlorobenzene	14.69	250	120997	20.973 ng/uL	100
74) Carbazole	17.54	167	318749	19.962 ng/ul	98
75) Di-n-butylphthalate	18.09	149	368504	21.261 ng/ul	99
76) Fluoranthene	19.19	202	486221	20.813 ng/ul	99
79) Pyrene	19.56	202	499639	19.663 ng/ul	99
80) Butylbenzylphthalate	20.46	149	158334	19.874 ng/ul	99
81) 3,3'-Dichlorobenzidine	21.24	252	156292	20.143 ng/ul	97
82) Benzo(a)anthracene	21.31	228	529170	20.768 ng/ul	100
83) Bis(2-ethylhexyl)phthalate	21.23	149	237614	20.548 ng/ul	99
84) Chrysene	21.36	228	503745	20.688 ng/ul	99
86) Di-n-octyl phthalate	22.12	149	413370	18.275 ng/ul	100
87) Benzo(b)fluoranthene	22.90	252	540899	20.347 ng/ul	98
88) Benzo(k)fluoranthene	22.95	252	538010	20.605 ng/ul	99
90) Benzo(a)pyrene	23.49	252	522929	20.903 ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.89	276	641602	22.508 ng/ul	98
92) Dibenzo(a,h)anthracene	25.90	278	548372	22.495 ng/ul	100
93) Benzo(g,h,i)perylene	26.60	276	534851	22.666 ng/ul	99

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

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