Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051320\
Data File : BM025980.D
Acq On : 13 May 2020 14:12
Operator : MA/SJ
Sample : SSTD16051
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD16051

Manual Integrations APPROVED
mohammad
5/14/2020 9:19:48 AM

Quant Time: May 13 14:51:25 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 13 13:00:56 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.50	152	133586	20.00	ng/ul	0.00
18) Naphthalene-d8	10.28	136	544850	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.15	164	316839	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.90	188	670480	20.00	ng/ul	0.00
78) Chrysene-d12	21.10	240	681199	20.00	ng/ul	0.00
86) Perylene-d12	23.23	264	712386	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.00	96	0d	0.00	ng/uL	
5) Phenol-d5	6.70	99	1977421	187.55	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	6.86	67	1316535	218.77	ng/ul	0.01
9) 2-Chlorophenol-d4	0.00	132	0d	0.00	ng/ul	
13) 4-Methylphenol-d8	8.23	113	1486959	171.65	ng/ul	0.02
19) Nitrobenzene-d5	0.00	128	0d	0.00	ng/ul	
22) 2-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
26) 2,4-Dichlorophenol-d3	0.00	165	0d	0.00	ng/ul	
29) 4-Chloroaniline-d4	10.42	131	1356356	132.68	ng/ul	0.00
44) Dimethylphthalate-d6	0.00	166	0d	0.00	ng/ul	
47) Acenaphthylene-d8	0.00	160	0d	0.00	ng/ul	
52) 4-Nitrophenol-d4	14.39	143	773031	168.61	ng/ul	0.03
58) Fluorene-d10	0.00	176	0d	0.00	ng/ul	
63) 4,6-Dinitro-2-methylphenol	15.30	200	726513	177.60	ng/ul	0.02
71) Anthracene-d10	0.00	188	0d	0.00	ng/ul	
79) Pyrene-d10	0.00	212	0d	0.00	ng/ul	
90) Benzo(a)pyrene-d12	0.00	264	0d	0.00	ng/ul	
Target Compounds						Qvalue
4) Benzaldehyde	6.66	77	978312	175.20	ng/ul	96
6) Phenol	6.73	94	2186147	198.56	ng/ul	98
8) Bis(2-Chloroethyl)ether	6.95	93	1641726	188.30	ng/ul	99
11) 2-Methylphenol	7.96	108	1533113	181.99	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.05	45	2878838	247.47	ng/ul	99
14) Acetophenone	8.33	105	2421678	181.23	ng/ul	98
16) 4-Methylphenol	8.30	108	1628897	177.12	ng/ul	100
30) 4-Chloroaniline	10.44	127	1418931	136.79	ng/ul	99
32) Caprolactam	11.25	113	465673m	161.22	ng/ul	
38) Hexachlorocyclopentadiene	12.31	237	1155778	169.00	ng/ul	98
49) 3-Nitroaniline	14.07	138	697666	156.86	ng/ul	95
51) 2,4-Dinitrophenol	14.28	184	566266	191.46	ng/ul	90
53) 4-Nitrophenol	14.40	109	643068	179.44	ng/ul	95
61) 4-Nitroaniline	15.25	138	894458	169.01	ng/ul	94
64) 4,6-Dinitro-2-methylphenol	15.32	198	745639	166.68	ng/ul#	87
68) Atrazine	16.40	200	1190006	152.29	ng/ul	99
69) Pentachlorophenol	16.56	266	859174	144.90	ng/ul	98
75) Carbazole	17.31	167	5407455	153.84	ng/ul	99
77) Fluoranthene	18.97	202	6712326	144.29	ng/ul	97
82) 3,3'-Dichlorobenzidine	21.03	252	1992048	128.70	ng/ul	98
87) Di-n-octyl phthalate	21.90	149	7843154	183.74	ng/ul	100

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

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