Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061220\
Data File : BM026377.D
Acq On : 12 Jun 2020 14:41
Operator : JU/CG
Sample : SSTD16001
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD16001

Manual Integrations APPROVED
mohammad
6/15/2020 8:49:39 AM

Quant Time: Jun 12 15:17:29 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jun 12 12:33:09 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.41	152	84401	20.00	ng/ul	0.00
18) Naphthalene-d8	10.17	136	346182	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.07	164	208245	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.82	188	453225	20.00	ng/ul	0.00
78) Chrysene-d12	21.04	240	484972	20.00	ng/ul	0.00
86) Perylene-d12	23.13	264	500775	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.00	96	0d	0.00	ng/uL	
5) Phenol-d5	6.63	99	1245291	162.64	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	6.77	67	768999	145.19	ng/ul	0.00
9) 2-Chlorophenol-d4	0.00	132	0d	0.00	ng/ul	
13) 4-Methylphenol-d8	8.15	113	965771	167.38	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	10.32	131	746894	131.37	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	14.33	143	503161	170.14	ng/ul	0.02
58) Fluorene-d10	0.00	176	0d	0.00	ng/ul	
63) 4,6-Dinitro-2-methylphenol	15.23	200	532918	201.66	ng/ul	0.01
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	6.57	77	645004	129.457	ng/ul	95
6) Phenol	6.66	94	1362885	158.790	ng/ul	97
8) Bis(2-Chloroethyl)ether	6.86	93	991330	150.112	ng/ul	99
11) 2-Methylphenol	7.87	108	975830	165.013	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	7.96	45	1675051	139.740	ng/ul	98
14) Acetophenone	8.24	105	1568685	162.048	ng/ul	99
16) 4-Methylphenol	8.22	108	1054903	164.027	ng/ul	97
30) 4-Chloroaniline	10.35	127	783616	131.948	ng/ul	99
32) Caprolactam	11.17	113	319466m	197.584	ng/ul	
38) Hexachlorocyclopentadiene	12.21	237	727905	169.167	ng/ul	97
49) 3-Nitroaniline	14.00	138	543773	189.899	ng/ul	98
51) 2,4-Dinitrophenol	14.22	184	403346	228.083	ng/ul	96
53) 4-Nitrophenol	14.34	109	433584	164.760	ng/ul	98
61) 4-Nitroaniline	15.19	138	665357m	186.001	ng/ul	
64) 4,6-Dinitro-2-methylphenol	15.24	198	538050	193.393	ng/ul#	98
68) Atrazine	16.33	200	796088	160.038	ng/ul	97
69) Pentachlorophenol	16.49	266	577024	176.552	ng/ul	99
75) Carbazole	17.24	167	3753048	158.385	ng/ul	99
77) Fluoranthene	18.90	202	4750324	158.626	ng/ul	98
82) 3,3'-Dichlorobenzidine	20.97	252	1729539	194.745	ng/ul	100
87) Di-n-octyl phthalate	21.83	149	5583131	177.393	ng/ul	100

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

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