Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM082219\
Data File : BM022245.D
Acq On : 22 Aug 2019 19:11
Operator : HP/JU
Sample : SSTD16045
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD16045

Manual Integrations APPROVED
mohammad
8/26/2019 8:28:58 AM

Quant Time: Aug 22 19:48:32 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 22 18:08:08 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	26116	20.00	ng/ul	0.00
18) Naphthalene-d8	10.34	136	120411	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.22	164	87897	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.99	188	200523	20.00	ng/ul	0.00
77) Chrysene-d12	21.20	240	331837	20.00	ng/ul	0.00
85) Perylene-d12	23.39	264	247908	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	6.76	99	381368	187.10	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	6.93	67	210968	173.29	ng/ul	0.00
9) 2-Chlorophenol-d4	0.00	132	0d	0.00	ng/ul	
13) 4-Methylphenol-d8	8.30	113	327810	195.65	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	10.50	131	389120	167.72	ng/ul	0.00
43) Dimethylphthalate-d6	0.00	166	0d	0.00	ng/ul	
46) Acenaphthylene-d8	0.00	160	0d	0.00	ng/ul	
51) 4-Nitrophenol-d4	14.50	143	223163	225.46	ng/ul	0.03
57) Fluorene-d10	0.00	176	0d	0.00	ng/ul	
62) 4,6-Dinitro-2-methylphenol	15.40	200	324382	232.22	ng/ul	0.02
70) Anthracene-d10	0.00	188	0d	0.00	ng/ul	
78) Pyrene-d10	0.00	212	0d	0.00	ng/ul	
89) Benzo(a)pyrene-d12	0.00	264	0d	0.00	ng/ul	
Target Compounds						Qvalue
4) Benzaldehyde	6.73	77	177134	147.685	ng/ul	97
6) Phenol	6.79	94	415256	190.533	ng/ul	96
8) Bis(2-Chloroethyl)ether	7.02	93	284049	174.738	ng/ul	97
11) 2-Methylphenol	8.02	108	318782	195.114	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.10	45	354027	175.097	ng/ul	99
14) Acetophenone	8.41	105	581104	204.198	ng/ul	98
16) 4-Methylphenol	8.37	108	350446	201.764	ng/ul	99
30) 4-Chloroaniline	10.53	127	416532	172.633	ng/ul	95
32) Caprolactam	11.41	113	98827m	180.231	ng/ul	
37) Hexachlorocyclopentadiene	12.34	237	389339	266.040	ng/ul	98
48) 3-Nitroaniline	14.19	138	213288	172.907	ng/ul	96
50) 2,4-Dinitrophenol	14.40	184	196594	259.890	ng/ul	97
52) 4-Nitrophenol	14.52	109	350869	232.750	ng/ul	94
60) 4-Nitroaniline	15.38	138	245576	204.843	ng/ul	95
63) 4,6-Dinitro-2-methylphenol	15.42	198	350359	232.829	ng/ul#	90
67) Atrazine	16.49	200	569374	190.467	ng/ul	97
68) Pentachlorophenol	16.64	266	400047	225.205	ng/ul	98
74) Carbazole	17.42	167	2118936	199.138	ng/ul	98
76) Fluoranthene	19.06	202	3574001	218.509	ng/ul#	95
81) 3,3'-Dichlorobenzidine	21.13	252	1431197	174.479	ng/ul#	99
86) Di-n-octyl phthalate	21.97	149	3829616	262.162	ng/ul	100

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

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