Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM071416\
Data File : BM006416.D
Acq On : 14 Jul 2016 18:04
Operator : UM/SJ
Sample : SSTD16060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD16060

Manual Integrations APPROVED
Sohil
7/15/2016 9:15:12 AM

Quant Time: Jul 14 18:45:22 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM071416.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 14 16:09:17 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	79285	20.00	ng/ul	0.00
18) Naphthalene-d8	10.40	136	339313	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.27	164	202437	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.03	188	477379	20.00	ng/ul	0.00
75) Chrysene-d12	21.23	240	485453	20.00	ng/ul	0.01
83) Perylene-d12	23.43	264	606729	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	6.81	99	1007834	135.76	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	6.97	67	598579	136.65	ng/ul	0.00
9) 2-Chlorophenol-d4	0.00	132	0d	0.00	ng/ul	
13) 4-Methylphenol-d8	8.35	113	810191	134.85	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	10.55	131	528514	91.58	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	14.52	143	432583	135.10	ng/ul	0.02
57) Fluorene-d10	0.00	176	0d	0.00	ng/ul	
62) 4,6-Dinitro-2-methylphenol	15.42	200	432690	154.69	ng/ul	0.01
70) Anthracene-d10	0.00	188	0d	0.00	ng/ul	
76) Pyrene-d10	0.00	212	0d	0.00	ng/ul	
87) Benzo(a)pyrene-d12	0.00	264	0d	0.00	ng/ul	
Target Compounds						Qvalue
4) Benzaldehyde	6.77	77	588381	136.99	ng/ul	98
6) Phenol	6.84	94	1052397	136.40	ng/ul	92
8) Bis(2-Chloroethyl)ether	7.06	93	763421	133.95	ng/ul	97
11) 2-Methylphenol	8.07	108	797554	134.95	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.16	45	1259501	147.97	ng/ul	98
14) Acetophenone	8.45	105	1219263	133.15	ng/ul	95
16) 4-Methylphenol	8.42	108	844602	131.66	ng/ul	100
30) 4-Chloroaniline	10.57	127	562998	93.88	ng/ul	97
32) Caprolactam	11.37	113	285576m	131.19	ng/ul	
37) Hexachlorocyclopentadiene	12.43	237	642967	168.01	ng/ul	99
48) 3-Nitroaniline	14.20	138	401424	119.40	ng/ul	97
50) 2,4-Dinitrophenol	14.42	184	338745	165.33	ng/ul	97
52) 4-Nitrophenol	14.53	109	506630	157.37	ng/ul	81
60) 4-Nitroaniline	15.38	138	537884m	135.65	ng/ul	
63) 4,6-Dinitro-2-methylphenol	15.43	198	456962	152.08	ng/ul	97
67) Atrazine	16.51	200	681092	127.83	ng/ul	98
68) Pentachlorophenol	16.69	266	477652	152.32	ng/ul	97
72) Carbazole	17.44	167	3088527	133.97	ng/ul	99
74) Fluoranthene	19.10	202	3970670	133.99	ng/ul#	93
79) 3,3'-Dichlorobenzidine	21.15	252	1171266	130.49	ng/ul	99
84) Di-n-octyl phthalate	22.01	149	4621346	128.22	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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