Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM041416\
Data File : BM004952.D
Acq On : 14 Apr 2016 20:25
Operator : UM/SJ
Sample : SSTD16049
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD16049

Manual Integrations APPROVED
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4/15/2016 6:22:33 PM

Quant Time: Apr 15 00:30:25 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM041416.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Apr 15 00:10:45 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	50927	20.00	ng/ul	0.00
18) Naphthalene-d8	10.60	136	217208	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.45	164	122503	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.20	188	278291	20.00	ng/ul	0.00
75) Chrysene-d12	21.39	240	264891	20.00	ng/ul	0.01
83) Perylene-d12	23.68	264	286017	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	6.99	99	522020	118.53	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	7.15	67	291096	121.59	ng/ul	0.00
9) 2-Chlorophenol-d4	0.00	132	0d	0.00	ng/ul	
13) 4-Methylphenol-d8	8.53	113	432692	117.32	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	10.75	131	414913	112.64	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	14.67	143	233448	129.36	ng/ul	0.03
57) Fluorene-d10	0.00	176	0d	0.00	ng/ul	
62) 4,6-Dinitro-2-methylphenol	15.58	200	215702	137.75	ng/ul	0.02
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	6.96	77	210077	100.06	ng/ul	98
6) Phenol	7.02	94	531364	115.86	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.25	93	411705	118.10	ng/ul	98
11) 2-Methylphenol	8.26	108	422652	116.69	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.35	45	506158	118.54	ng/ul	98
14) Acetophenone	8.64	105	587657	105.56	ng/ul	98
16) 4-Methylphenol	8.60	108	447485	111.24	ng/ul	95
30) 4-Chloroaniline	10.77	127	416249	107.93	ng/ul	99
32) Caprolactam	11.59	113	148518m	124.95	ng/ul	
37) Hexachlorocyclopentadiene	12.62	237	319809	147.39	ng/ul	97
48) 3-Nitroaniline	14.37	138	244501	128.97	ng/ul	95
50) 2,4-Dinitrophenol	14.57	184	167206	145.42	ng/ul	98
52) 4-Nitrophenol	14.69	109	197189	132.79	ng/ul	92
60) 4-Nitroaniline	15.55	138	286262	131.12	ng/ul	97
63) 4,6-Dinitro-2-methylphenol	15.60	198	219446	131.48	ng/ul#	95
67) Atrazine	16.67	200	347199	121.66	ng/ul	99
68) Pentachlorophenol	16.85	266	261061	138.17	ng/ul	99
72) Carbazole	17.61	167	1511570	114.93	ng/ul	98
74) Fluoranthene	19.26	202	1802404	111.43	ng/ul	97
79) 3,3'-Dichlorobenzidine	21.31	252	521984	106.94	ng/ul	98
84) Di-n-octyl phthalate	22.19	149	1958800	120.63	ng/ul	98

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

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