Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042516\
Data File : BM005052.D
Acq On : 25 Apr 2016 19:12
Operator : UM/SJ
Sample : SSTD16040
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD16040

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Quant Time: Apr 25 19:53:29 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM042516.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Apr 25 17:47:06 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	44949	20.00	ng/ul	0.00
18) Naphthalene-d8	10.60	136	206676	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.44	164	124608	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.19	188	296658	20.00	ng/ul	0.00
75) Chrysene-d12	21.39	240	268698	20.00	ng/ul	0.01
83) Perylene-d12	23.67	264	252146	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	6.99	99	577632	155.47	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	7.15	67	309526	147.18	ng/ul	0.01
9) 2-Chlorophenol-d4	0.00	132	0d	0.00	ng/ul	
13) 4-Methylphenol-d8	8.52	113	490303	155.45	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	10.74	131	403131	112.84	ng/ul	0.01
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	14.68	143	276604	161.52	ng/ul	0.04
57) Fluorene-d10	0.00	176	0d	0.00	ng/ul	
62) 4,6-Dinitro-2-methylphenol	15.59	200	272016	161.92	ng/ul	0.03
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	6.95	77	127757	70.01	ng/ul	99
6) Phenol	7.02	94	584014	150.97	ng/ul	95
8) Bis(2-Chloroethyl)ether	7.24	93	434668	147.20	ng/ul	99
11) 2-Methylphenol	8.25	108	464492	153.56	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.34	45	553635	145.54	ng/ul	100
14) Acetophenone	8.64	105	662837	139.70	ng/ul	99
16) 4-Methylphenol	8.60	108	509117	151.83	ng/ul	99
30) 4-Chloroaniline	10.76	127	411459	112.72	ng/ul	100
32) Caprolactam	11.59	113	179275m	163.57	ng/ul	
37) Hexachlorocyclopentadiene	12.61	237	387407	167.55	ng/ul	96
48) 3-Nitroaniline	14.37	138	287990	148.48	ng/ul	96
50) 2,4-Dinitrophenol	14.58	184	224451	201.35	ng/ul	93
52) 4-Nitrophenol	14.70	109	253171	166.57	ng/ul	85
60) 4-Nitroaniline	15.56	138	323632	154.56	ng/ul	88
63) 4,6-Dinitro-2-methylphenol	15.60	198	279561	158.36	ng/ul#	96
67) Atrazine	16.67	200	430114	141.80	ng/ul	98
68) Pentachlorophenol	16.84	266	312775	164.88	ng/ul	100
72) Carbazole	17.60	167	1808827	132.24	ng/ul	97
74) Fluoranthene	19.26	202	2193627	126.86	ng/ul#	95
79) 3,3'-Dichlorobenzidine	21.31	252	691817	146.02	ng/ul	98
84) Di-n-octyl phthalate	22.18	149	2432946	151.46	ng/ul	97

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

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