Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050516\
Data File : BM005236.D
Acq On : 05 May 2016 15:53
Operator : UM/SJ
Sample : SSTD16045
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: May 05 16:34:03 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM050516.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu May 05 14:34:52 2016
Response via : Initial Calibration

Instrument : BNA_M
ClientSampleId : SSTD16045

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	75056	20.00	ng/ul	0.00
18) Naphthalene-d8	10.57	136	363283	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.42	164	233509	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.17	188	561822	20.00	ng/ul	0.00
75) Chrysene-d12	21.37	240	497720	20.00	ng/ul	0.01
83) Perylene-d12	23.65	264	563686	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	6.96	99	1075165	158.15	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.12	67	567293	146.18	ng/ul	0.01
9) 2-Chlorophenol-d4	0.00	132	0d	0.00	ng/ul	
13) 4-Methylphenol-d8	8.50	113	886525	157.84	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	10.71	131	732409	111.84	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	537109	157.83	ng/ul	0.04
57) Fluorene-d10	0.00	176	0d	0.00	ng/ul	
62) 4,6-Dinitro-2-methylphenol	15.57	200	509862	162.21	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	6.92	77	226824m	70.51	ng/ul	
6) Phenol	6.99	94	1085067	154.48	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.22	93	768562	145.00	ng/ul	98
11) 2-Methylphenol	8.23	108	841458	155.00	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.32	45	1027856	143.11	ng/ul	98
14) Acetophenone	8.61	105	1175531	141.43	ng/ul	99
16) 4-Methylphenol	8.58	108	923518	153.36	ng/ul	94
30) 4-Chloroaniline	10.74	127	757005	113.61	ng/ul	98
32) Caprolactam	11.58	113	347344m	163.70	ng/ul	
37) Hexachlorocyclopentadiene	12.58	237	626609	173.01	ng/ul	95
48) 3-Nitroaniline	14.36	138	569448	145.96	ng/ul	99
50) 2,4-Dinitrophenol	14.56	184	428328	202.75	ng/ul	93
52) 4-Nitrophenol	14.69	109	445714	157.24	ng/ul	92
60) 4-Nitroaniline	15.54	138	639334	154.35	ng/ul	93
63) 4,6-Dinitro-2-methylphenol	15.59	198	522473	157.93	ng/ul#	87
67) Atrazine	16.66	200	758834	135.68	ng/ul	99
68) Pentachlorophenol	16.83	266	558124	166.98	ng/ul	97
72) Carbazole	17.59	167	3315288	128.31	ng/ul	98
74) Fluoranthene	19.24	202	3900552	119.85	ng/ul	96
79) 3,3'-Dichlorobenzidine	21.29	252	1289339	144.50	ng/ul	98
84) Di-n-octyl phthalate	22.17	149	4331133	131.76	ng/ul#	94

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

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