Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051816\
Data File : BM005468.D
Acq On : 18 May 2016 13:53
Operator : UM/SJ
Sample : SSTD16043
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: May 18 14:41:25 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM051816.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 18 11:54:13 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTD16043

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	54777	20.00	ng/ul	0.00
18) Naphthalene-d8	10.63	136	296832	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.47	164	196777	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.22	188	521391	20.00	ng/ul	0.00
75) Chrysene-d12	21.40	240	616339	20.00	ng/ul	0.01
83) Perylene-d12	23.69	264	781263	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.00	96	0d	0.00	ng/uL	
5) Phenol-d5	7.00	99	780753	157.15	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.17	67	399775	141.05	ng/ul	0.00
9) 2-Chlorophenol-d4	0.00	132	0d	0.00	ng/ul	
13) 4-Methylphenol-d8	8.55	113	654244	159.33	ng/ul	0.01
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	10.76	131	348513	64.93	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	479471	166.53	ng/ul	0.02
57) Fluorene-d10	0.00	176	0d	0.00	ng/ul	
62) 4,6-Dinitro-2-methylphenol	15.59	200	420938	143.52	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	6.98	77	207962	86.40	ng/ul	98
6) Phenol	7.03	94	808791	157.51	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.27	93	558452	144.46	ng/ul	98
11) 2-Methylphenol	8.27	108	639273	161.07	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.37	45	769114	146.67	ng/ul	99
14) Acetophenone	8.66	105	915224	150.43	ng/ul	98
16) 4-Methylphenol	8.62	108	693163	157.38	ng/ul	94
30) 4-Chloroaniline	10.79	127	387535	70.80	ng/ul	100
32) Caprolactam	11.58	113	261394m	153.62	ng/ul	
37) Hexachlorocyclopentadiene	12.65	237	489487	160.06	ng/ul	96
48) 3-Nitroaniline	14.38	138	407606	123.03	ng/ul	99
50) 2,4-Dinitrophenol	14.58	184	327570	183.19	ng/ul	97
52) 4-Nitrophenol	14.69	109	431881	180.42	ng/ul	90
60) 4-Nitroaniline	15.56	138	578382	164.70	ng/ul	92
63) 4,6-Dinitro-2-methylphenol	15.60	198	451055	146.35	ng/ul#	91
67) Atrazine	16.69	200	581614	111.63	ng/ul	98
68) Pentachlorophenol	16.86	266	559987	179.75	ng/ul	97
72) Carbazole	17.62	167	3362795	139.84	ng/ul	99
74) Fluoranthene	19.27	202	4226299	139.14	ng/ul	97
79) 3,3'-Dichlorobenzidine	21.32	252	1397942	126.17	ng/ul#	99
84) Di-n-octyl phthalate	22.22	149	5330543	116.81	ng/ul	99

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

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