Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM082316\
Data File : BM007249.D
Acq On : 23 Aug 2016 13:11
Operator : UM/SJ
Sample : SSTD16061
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD16061

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Quant Time: Aug 23 13:49:42 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM082316.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 23 12:35:54 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	159034	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	814228	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.44	164	575708	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.19	188	1510718	20.00	ng/ul	0.00
75) Chrysene-d12	21.37	240	1854261	20.00	ng/ul	0.00
83) Perylene-d12	23.64	264	2186443	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	6.98	99	2503283	194.30	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.15	67	1213227	164.28	ng/ul	0.00
9) 2-Chlorophenol-d4	0.00	132	0d	0.00	ng/ul	
13) 4-Methylphenol-d8	8.52	113	2150407	202.84	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	10.73	131	2364206	150.13	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	14.67	143	1451082	170.19	ng/ul	0.04
57) Fluorene-d10	0.00	176	0d	0.00	ng/ul	
62) 4,6-Dinitro-2-methylphenol	15.57	200	1569601	188.02	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	6.95	77	947775	122.38	ng/ul	99
6) Phenol	7.01	94	2570893	189.45	ng/ul	96
8) Bis(2-Chloroethyl)ether	7.24	93	1673804	167.15	ng/ul	98
11) 2-Methylphenol	8.25	108	2021939	198.12	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.34	45	1859731	162.08	ng/ul	97
14) Acetophenone	8.63	105	3127621	191.59	ng/ul	97
16) 4-Methylphenol	8.59	108	2220583	199.39	ng/ul	98
30) 4-Chloroaniline	10.76	127	2417702	149.71	ng/ul	98
32) Caprolactam	11.59	113	851847m	190.74	ng/ul	
37) Hexachlorocyclopentadiene	12.60	237	1937394	149.43	ng/ul	99
48) 3-Nitroaniline	14.36	138	1489698	163.00	ng/ul	99
50) 2,4-Dinitrophenol	14.57	184	1239848	226.29	ng/ul#	84
52) 4-Nitrophenol	14.69	109	1562563	180.34	ng/ul	85
60) 4-Nitroaniline	15.54	138	1742671	162.63	ng/ul	91
63) 4,6-Dinitro-2-methylphenol	15.59	198	1643404	180.94	ng/ul	99
67) Atrazine	16.66	200	2621751	152.14	ng/ul	99
68) Pentachlorophenol	16.84	266	1976246	165.96	ng/ul	100
72) Carbazole	17.59	167	10263010	142.86	ng/ul	96
74) Fluoranthene	19.24	202	13633345	138.35	ng/ul	99
79) 3,3'-Dichlorobenzidine	21.29	252	4977799	138.99	ng/ul	99
84) Di-n-octyl phthalate	22.16	149	13789015	122.26	ng/ul#	96

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

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