Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM092717\
Data File : BM011727.D
Acq On : 27 Sep 2017 17:29
Operator : SJ/JU
Sample : SSTD16044
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD16044

Manual Integrations APPROVED
Sohil
9/29/2017 2:22:39 PM

Quant Time: Sep 27 18:21:07 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM092717.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 27 18:11:06 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.94	152	237314	20.00	ng/ul	0.00
18) Naphthalene-d8	10.75	136	1085953	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.58	164	613839	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.32	188	1284961	20.00	ng/ul	0.00
75) Chrysene-d12	21.49	240	1375486	20.00	ng/ul	0.01
83) Perylene-d12	23.85	264	976656	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	7.11	99	4095459	175.47	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	7.27	67	2834219	167.43	ng/ul	0.01
9) 2-Chlorophenol-d4	0.00	132	0d	0.00	ng/ul	
13) 4-Methylphenol-d8	8.66	113	3165127	173.13	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	10.89	131	2245600	117.80	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	14.80	143	1633555	181.54	ng/ul	0.04
57) Fluorene-d10	0.00	176	0d	0.00	ng/ul	
62) 4,6-Dinitro-2-methylphenol	15.71	200	1729245	198.67	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	7.08	77	642252m	56.871	ng/ul	
6) Phenol	7.14	94	4163351	176.365	ng/ul	89
8) Bis(2-Chloroethyl)ether	7.37	93	3059076	168.554	ng/ul#	78
11) 2-Methylphenol	8.39	108	3023525	174.413	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.47	45	6410595	164.912	ng/ul#	97
14) Acetophenone	8.78	105	5008560	170.489	ng/ul#	86
16) 4-Methylphenol	8.73	108	3274896	171.855	ng/ul	96
30) 4-Chloroaniline	10.91	127	2224141	120.632	ng/ul	94
32) Caprolactam	11.76	113	854888m	160.845	ng/ul	
37) Hexachlorocyclopentadiene	12.75	237	2577333	193.248	ng/ul	98
48) 3-Nitroaniline	14.50	138	1627332	171.610	ng/ul#	95
50) 2,4-Dinitrophenol	14.70	184	1213347	199.336	ng/ul#	74
52) 4-Nitrophenol	14.82	109	1557609	176.963	ng/ul	97
60) 4-Nitroaniline	15.68	138	1936841	186.132	ng/ul	93
63) 4,6-Dinitro-2-methylphenol	15.72	198	1716167	194.175	ng/ul#	99
67) Atrazine	16.79	200	2474744	168.053	ng/ul	93
68) Pentachlorophenol	16.97	266	2024267	195.803	ng/ul	98
72) Carbazole	17.73	167	11344731	174.765	ng/ul	96
74) Fluoranthene	19.37	202	13672041	155.706	ng/ul#	78
79) 3,3'-Dichlorobenzidine	21.40	252	4468292	170.845	ng/ul#	95
84) Di-n-octyl phthalate	22.29	149	13061265	173.034	ng/ul#	77

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

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