Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM121318\

Quantitation Report (QT Reviewed)

Data File : BM018131.D
Acq On : 13 Dec 2018 16:23
Operator : JU/SJ
Sample : SSTD16057
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD16057

Manual Integrations APPROVED
Sohil
12/17/2018 4:15:23 PM

Quant Time: Dec 13 17:03:24 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121318MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 13 15:06:59 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	137378	20.00	ng/ul	0.00
18) Naphthalene-d8	10.28	136	619205	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.17	164	363412	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.94	188	827591	20.00	ng/ul	0.00
77) Chrysene-d12	21.16	240	895763	20.00	ng/ul	0.01
85) Perylene-d12	23.33	264	692376	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	6.73	99	2213615	176.43	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	6.87	67	1143714	151.17	ng/ul	0.00
9) 2-Chlorophenol-d4	0.00	132	0d	0.00	ng/ul	
13) 4-Methylphenol-d8	8.25	113	1754099	171.11	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	10.45	131	1347452	151.35	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	14.46	143	1002127	174.80	ng/ul	0.04
57) Fluorene-d10	0.00	176	0d	0.00	ng/ul	
62) 4,6-Dinitro-2-methylphenol	15.36	200	1078389	182.28	ng/ul	0.03
70) Anthracene-d10	0.00	188	0d	0.00	ng/ul	
78) Pyrene-d10	0.00	212	0d	0.00	ng/ul	
89) Benzo(a)pyrene-d12	0.00	264	0d	0.00	ng/ul	
Target Compounds						Qvalue
4) Benzaldehyde	6.68	77	283138m	121.023	ng/ul	
6) Phenol	6.76	94	2175810	173.736	ng/ul	99
8) Bis(2-Chloroethyl)ether	6.97	93	1534627	160.393	ng/ul	99
11) 2-Methylphenol	7.97	108	1690230	176.894	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.06	45	1443195	127.848	ng/ul	96
14) Acetophenone	8.36	105	2635610	164.942	ng/ul	94
16) 4-Methylphenol	8.33	108	1804713	174.784	ng/ul	97
30) 4-Chloroaniline	10.47	127	1379902	151.921	ng/ul	97
32) Caprolactam	11.34	113	650764m	200.803	ng/ul	
37) Hexachlorocyclopentadiene	12.30	237	1216096	155.513	ng/ul	97
48) 3-Nitroaniline	14.13	138	932205	162.783	ng/ul	88
50) 2,4-Dinitrophenol	14.34	184	803365	197.386	ng/ul	97
52) 4-Nitrophenol	14.47	109	801234	169.919	ng/ul	97
60) 4-Nitroaniline	15.33	138	1183498	185.897	ng/ul	94
63) 4,6-Dinitro-2-methylphenol	15.37	198	1079204	177.001	ng/ul#	96
67) Atrazine	16.44	200	1487617	157.400	ng/ul	99
68) Pentachlorophenol	16.60	266	1042762	159.452	ng/ul	99
74) Carbazole	17.36	167	7003661	164.221	ng/ul	99
76) Fluoranthene	19.02	202	8322226	149.500	ng/ul	97
81) 3,3'-Dichlorobenzidine	21.09	252	3058695	165.875	ng/ul	100
86) Di-n-octyl phthalate	21.96	149	10086289	207.988	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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