Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020320\
Data File : BN009531.D
Acq On : 03 Feb 2020 16:04
Operator : CG/JU
Sample : SSTD16052
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTD16052

Manual Integrations APPROVED
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Quant Time: Feb 03 16:38:58 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Feb 03 14:52:08 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	131024	20.00	ng/ul	0.00
18) Naphthalene-d8	10.20	136	563314	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.08	164	368006	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.84	188	766286	20.00	ng/ul	0.00
77) Chrysene-d12	21.05	240	658931	20.00	ng/ul	0.00
85) Perylene-d12	23.17	264	695811	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	6.66	99	2089051	179.76	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	6.80	67	1327677	160.97	ng/ul	0.00
9) 2-Chlorophenol-d4	0.00	132	0d	0.00	ng/ul	
13) 4-Methylphenol-d8	8.17	113	1651270	178.55	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	10.35	131	1570877	152.67	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	14.34	143	904720	178.50	ng/ul	0.03
57) Fluorene-d10	0.00	176	0d	0.00	ng/ul	
62) 4,6-Dinitro-2-methylphenol	15.24	200	887353	191.22	ng/ul	0.02
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	6.61	77	1250908	205.115	ng/ul	99
6) Phenol	6.68	94	2214633	181.936	ng/ul	96
8) Bis(2-Chloroethyl)ether	6.90	93	1666539	170.709	ng/ul	99
11) 2-Methylphenol	7.90	108	1639204	182.353	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	7.97	45	3810372	148.551	ng/ul	100
14) Acetophenone	8.27	105	2546188	170.417	ng/ul	98
16) 4-Methylphenol	8.25	108	1746959	177.459	ng/ul	95
30) 4-Chloroaniline	10.37	127	1595559	153.873	ng/ul	100
32) Caprolactam	11.20	113	548623m	191.920	ng/ul	
37) Hexachlorocyclopentadiene	12.23	237	1182289	182.450	ng/ul	95
48) 3-Nitroaniline	14.02	138	850509	170.763	ng/ul	99
50) 2,4-Dinitrophenol	14.23	184	705761	227.871	ng/ul	98
52) 4-Nitrophenol	14.36	109	775921	165.381	ng/ul	93
60) 4-Nitroaniline	15.20	138	1073058m	190.800	ng/ul	
63) 4,6-Dinitro-2-methylphenol	15.26	198	942807	190.883	ng/ul#	92
67) Atrazine	16.34	200	1452959	175.026	ng/ul	97
68) Pentachlorophenol	16.50	266	948630	190.485	ng/ul	95
74) Carbazole	17.25	167	6389525	169.536	ng/ul	98
76) Fluoranthene	18.91	202	8135617	164.140	ng/ul	96
81) 3,3'-Dichlorobenzidine	20.98	252	2260618	162.764	ng/ul	98
86) Di-n-octyl phthalate	21.85	149	9435471	189.576	ng/ul	100

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

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