Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042121\
Data File : BN014341.D
Acq On : 20 Apr 2021 13:34
Operator : CG/JU
Sample : SSTD16051
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTD16051

Manual Integrations APPROVED
mohammad
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Quant Time: Apr 20 15:22:24 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN042121MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Apr 20 15:09:39 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	201402	20.00	ng/ul	0.00
18) Naphthalene-d8	10.48	136	817594	20.00	ng/ul	0.01
36) Acenaphthene-d10	14.33	164	482714	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.08	188	989870	20.00	ng/ul	0.00
77) Chrysene-d12	21.28	240	940900	20.00	ng/ul	0.01
85) Perylene-d12	23.51	264	1011722	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	6.88	99	2695114	174.08	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	7.04	67	1505976	162.58	ng/ul	0.02
9) 2-Chlorophenol-d4	0.00	132	0d	0.00	ng/ul	
13) 4-Methylphenol-d8	8.41	113	2020443	174.82	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	10.62	131	1825078	138.04	ng/ul	0.02
44) Dimethylphthalate-d6	0.00	166	0d	0.00	ng/ul	
47) Acenaphthylene-d8	0.00	160	0d	0.00	ng/ul	
52) 4-Nitrophenol-d4	14.56	143	1049382	179.45	ng/ul	0.04
58) Fluorene-d10	0.00	176	0d	0.00	ng/ul	
63) 4,6-Dinitro-2-methylphenol	15.47	200	941436	200.36	ng/ul	0.03
71) 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	6.85	77	610027	93.529	ng/ul	98
6) Phenol	6.91	94	2807218	168.248	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.14	93	2123740	161.992	ng/ul	97
11) 2-Methylphenol	8.14	108	2066631	173.893	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.23	45	2258390	158.910	ng/ul	97
14) Acetophenone	8.53	105	3111939	156.533	ng/ul	97
16) 4-Methylphenol	8.49	108	2193372	169.213	ng/ul	96
30) 4-Chloroaniline	10.64	127	1879284	135.224	ng/ul	100
32) Caprolactam	11.46	113	635372m	199.242	ng/ul	
38) Hexachlorocyclopentadiene	12.50	237	1488283	162.681	ng/ul	97
49) 3-Nitroaniline	14.25	138	1072176	163.970	ng/ul	97
51) 2,4-Dinitrophenol	14.46	184	710920	225.439	ng/ul	92
53) 4-Nitrophenol	14.58	109	848844	167.798	ng/ul	95
61) 4-Nitroaniline	15.44	138	1281914	174.140	ng/ul	96
64) 4,6-Dinitro-2-methylphenol	15.49	198	956016	194.689	ng/ul#	92
68) Atrazine	16.57	200	1611323	167.924	ng/ul	96
69) Pentachlorophenol	16.73	266	1176874	194.800	ng/ul	93
74) Carbazole	17.49	167	7060226	149.736	ng/ul	98
76) Fluoranthene	19.15	202	8230373	140.587	ng/ul#	94
81) 3,3'-Dichlorobenzidine	21.20	252	2140527	145.294	ng/ul	99
86) Di-n-octyl phthalate	22.08	149	9259237	168.760	ng/ul	100

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

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