Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081420\
Data File : BN011427.D
Acq On : 14 Aug 2020 13:45
Operator : CG/JU
Sample : SSTD16056
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD16056

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Quant Time: Aug 14 15:34:40 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081420MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 14 13:27:12 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.44	152	165974	20.00	ng/ul	0.00
18) Naphthalene-d8	10.19	136	645331	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.07	164	443473	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.83	188	860310	20.00	ng/ul	0.00
78) Chrysene-d12	21.06	240	948586	20.00	ng/ul	0.01
86) Perylene-d12	23.16	264	1011826	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	6.66	99	2055193	155.76	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	6.81	67	1004985	142.50	ng/ul	0.01
9) 2-Chlorophenol-d4	0.00	132	0d	0.00	ng/ul	
13) 4-Methylphenol-d8	8.17	113	1673816	153.79	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	2076992	182.58	ng/ul	0.01
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	14.33	143	1017836	158.41	ng/ul	0.04
58) Fluorene-d10	0.00	176	0d	0.00	ng/ul	
63) 4,6-Dinitro-2-methylphenol	15.23	200	1183817	225.50	ng/ul	0.02
71) Anthracene-d10	0.00	188	0d	0.00	ng/ul	
79) Pyrene-d10	0.00	212	0d	0.00	ng/ul	
90) Benzo(a)pyrene-d12	0.00	264	0d	0.00	ng/ul	
Target Compounds						Qvalue
4) Benzaldehyde	6.61	77	1101309	164.181	ng/ul	96
6) Phenol	6.69	94	2106571	145.650	ng/ul	99
8) Bis(2-Chloroethyl)ether	6.90	93	1627377	152.352	ng/ul	96
11) 2-Methylphenol	7.90	108	1647477	152.768	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	7.98	45	864789	121.055	ng/ul	94
14) Acetophenone	8.27	105	2658527	142.949	ng/ul	100
16) 4-Methylphenol	8.25	108	1756975	147.646	ng/ul	98
30) 4-Chloroaniline	10.37	127	2069050	174.130	ng/ul	99
32) Caprolactam	11.19	113	497380m	164.486	ng/ul	
38) Hexachlorocyclopentadiene	12.22	237	1739328	185.884	ng/ul	96
49) 3-Nitroaniline	14.01	138	1055651	151.944	ng/ul	96
51) 2,4-Dinitrophenol	14.22	184	876531	201.870	ng/ul	98
53) 4-Nitrophenol	14.35	109	952777	154.433	ng/ul	93
61) 4-Nitroaniline	15.20	138	1075866	131.151	ng/ul	90
64) 4,6-Dinitro-2-methylphenol	15.25	198	1254131	229.367	ng/ul#	93
68) Atrazine	16.35	200	1716901	187.265	ng/ul	99
69) Pentachlorophenol	16.49	266	1189289	191.603	ng/ul#	76
75) Carbazole	17.25	167	7207097	159.894	ng/ul	99
77) Fluoranthene	18.91	202	9771522	166.474	ng/ul	99
82) 3,3'-Dichlorobenzidine	20.98	252	2958980	148.656	ng/ul	91
87) Di-n-octyl phthalate	21.86	149	10530300	159.994	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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