Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN070820\
Data File : BN011124.D
Acq On : 08 Jul 2020 18:30
Operator : CG/JU
Sample : SSTD16051
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTD16051

Manual Integrations APPROVED
mohammad
7/9/2020 11:01:06 AM

Quant Time: Jul 08 19:05:05 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN070820MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 08 17:17:13 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	272026	20.00	ng/ul	0.00
18) Naphthalene-d8	10.26	136	1196455	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.14	164	647157	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.89	188	1327226	20.00	ng/ul	0.00
78) Chrysene-d12	21.11	240	1281968	20.00	ng/ul	0.01
86) Perylene-d12	23.25	264	1311575	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	3620492	168.57	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	6.88	67	2121354	195.27	ng/ul	0.01
9) 2-Chlorophenol-d4	0.00	132	0d	0.00	ng/ul	
13) 4-Methylphenol-d8	8.24	113	2833217	156.45	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	10.40	131	2533712	109.71	ng/ul	0.00
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	14.40	143	1514666	162.01	ng/ul	0.04
58) Fluorene-d10	0.00	176	0d	0.00	ng/ul	
63) 4,6-Dinitro-2-methylphenol	15.29	200	1571159	226.62	ng/ul	0.03
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	6.68	77	1465952	131.435	ng/ul	99
6) Phenol	6.76	94	3900476	175.439	ng/ul	97
8) Bis(2-Chloroethyl)ether	6.97	93	3221404	188.176	ng/ul	95
11) 2-Methylphenol	7.97	108	2902715	164.915	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.05	45	1853944	170.318	ng/ul	95
14) Acetophenone	8.34	105	4796437	175.183	ng/ul	96
16) 4-Methylphenol	8.32	108	3059234	162.485	ng/ul	97
30) 4-Chloroaniline	10.43	127	2669680	116.412	ng/ul	95
32) Caprolactam	11.28	113	819905m	130.207	ng/ul	
38) Hexachlorocyclopentadiene	12.29	237	2920741	278.202	ng/ul	98
49) 3-Nitroaniline	14.07	138	1573289	155.970	ng/ul	99
51) 2,4-Dinitrophenol	14.28	184	1246367	248.183	ng/ul	98
53) 4-Nitrophenol	14.41	109	1373183	181.438	ng/ul	99
61) 4-Nitroaniline	15.26	138	1761136m	154.144	ng/ul	
64) 4,6-Dinitro-2-methylphenol	15.31	198	1599697	214.546	ng/ul#	93
68) Atrazine	16.40	200	2229211	146.784	ng/ul	95
69) Pentachlorophenol	16.55	266	1762230	167.468	ng/ul	92
75) Carbazole	17.30	167	11252689	183.357	ng/ul	100
77) Fluoranthene	18.96	202	12718036	158.813	ng/ul#	93
82) 3,3'-Dichlorobenzidine	21.03	252	4632693	167.665	ng/ul	96
87) Di-n-octyl phthalate	21.90	149	12775992	136.947	ng/ul	100

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

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