Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN010521\
Data File : BN013331.D
Acq On : 05 Jan 2021 20:22
Operator : CG/JU
Sample : SSTD16056
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD160561

Manual Integrations APPROVED
mohammad
1/6/2021 12:01:00 PM

Quant Time: Jan 06 01:41:35 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN010521.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 06 00:47:21 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	597357	20.00	ng/ul	0.00
20) Naphthalene-d8	10.39	136	2539536	20.00	ng/ul	0.01
38) Acenaphthene-d10	14.25	164	1468759	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.00	188	3053369	20.00	ng/ul	0.01
79) Chrysene-d12	21.20	240	2423659	20.00	ng/ul	0.01
88) Perylene-d12	23.40	264	2993827	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.00	96	0d	0.00	ng/uL	
4) Pyridine-d5	3.60	84	5317523	118.61	ng/ul	0.00
7) Phenol-d5	6.82	99	6782165	126.82	ng/ul	0.02
9) Bis-(2-Chloroethyl)ether-d	6.98	67	3547640	106.36	ng/ul	0.02
11) 2-Chlorophenol-d4	0.00	132	0d	0.00	ng/ul	
15) 4-Methylphenol-d8	8.34	113	5338365	122.56	ng/ul	0.02
21) Nitrobenzene-d5	0.00	128	0d	0.00	ng/ul	
24) 2-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
28) 2,4-Dichlorophenol-d3	0.00	165	0d	0.00	ng/ul	
31) 4-Chloroaniline-d4	10.53	131	6886866	115.53	ng/ul	0.02
46) Dimethylphthalate-d6	0.00	166	0d	0.00	ng/ul	
49) Acenaphthylene-d8	0.00	160	0d	0.00	ng/ul	
54) 4-Nitrophenol-d4	14.50	143	2867598	135.74	ng/ul	0.05
60) Fluorene-d10	0.00	176	0d	0.00	ng/ul	
65) 4,6-Dinitro-2-methylphenol	15.39	200	2402498	115.08	ng/ul	0.04
73) Anthracene-d10	0.00	188	0d	0.00	ng/ul	
81) Pyrene-d10	0.00	212	0d	0.00	ng/ul	
92) Benzo(a)pyrene-d12	0.00	264	0d	0.00	ng/ul	
Target Compounds						Qvalue
5) Pyridine	3.62	79	5266741	114.031	ng/ul	97
6) Benzaldehyde	6.77	77	1876799	78.219	ng/ul	100
8) Phenol	6.85	94	6625677	118.737	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.07	93	5051510	113.845	ng/ul	98
13) 2-Methylphenol	8.07	108	5068508	122.140	ng/ul	99
14) 2,2'-oxybis(1-Chloropropan	8.16	45	6610660	105.666	ng/ul	96
16) Acetophenone	8.45	105	7242826	100.139	ng/ul	99
18) 4-Methylphenol	8.42	108	5449186	120.562	ng/ul	97
32) 4-Chloroaniline	10.56	127	6320679	108.812	ng/ul	99
34) Caprolactam	11.42	113	1656389m	120.752	ng/ul	
40) Hexachlorocyclopentadiene	12.41	237	2964112	105.190	ng/ul	97
51) 3-Nitroaniline	14.17	138	2954824	149.492	ng/ul#	98
53) 2,4-Dinitrophenol	14.37	184	1854333	124.038	ng/ul	95
55) 4-Nitrophenol	14.52	109	2109508	95.570	ng/ul	93
63) 4-Nitroaniline	15.36	138	2558631	128.002	ng/ul	95
66) 4,6-Dinitro-2-methylphenol	15.41	198	2483322	110.217	ng/ul#	97
70) Atrazine	16.50	200	4022967	108.451	ng/ul	100
71) Pentachlorophenol	16.65	266	2978477	120.030	ng/ul	99
77) Carbazole	17.40	167	15913292	95.975	ng/ul#	93
84) 3,3'-Dichlorobenzidine	21.13	252	6019252	106.031	ng/ul	99
89) Di-n-octyl phthalate	22.02	149	16603390m	71.211	ng/ul	

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

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