Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102621\
Data File : BN017091.D
Acq On : 26 Oct 2021 14:51
Operator : CG/JU
Sample : SSTD16034
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD160234

Manual Integrations APPROVED
mohammad
10/27/2021 11:51:47 AM

Quant Time: Oct 26 15:20:59 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN102621.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 26 14:48:12 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.540	152	316605	20.000	ng/ul	0.00
20) Naphthalene-d8	10.316	136	1431823	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.198	164	889154	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.957	188	1751211	20.000	ng/ul	0.01
79) Chrysene-d12	21.168	240	1160484	20.000	ng/ul	0.01
88) Perylene-d12	23.380	264	1091136	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.000	96	0d	0.000	ng/uL	
4) Pyridine-d5	3.463	84	3533980	147.282	ng/ul	0.00
7) Phenol-d5	6.746	99	4562572	146.385	ng/ul	0.02
9) Bis-(2-Chloroethyl)eth...	6.904	67	2531136	136.504	ng/ul	0.02
11) 2-Chlorophenol-d4	0.000	132	0d	0.000	ng/ul	
15) 4-Methylphenol-d8	8.275	113	3606685	138.562	ng/ul	0.02
21) Nitrobenzene-d5	0.000	128	0d	0.000	ng/ul	
24) 2-Nitrophenol-d4	0.000	143	0d	0.000	ng/ul	
28) 2,4-Dichlorophenol-d3	0.000	165	0d	0.000	ng/ul	
31) 4-Chloroaniline-d4	10.475	131	4745743	133.513	ng/ul	0.02
46) Dimethylphthalate-d6	0.000	166	0d	0.000	ng/ul	
49) Acenaphthylene-d8	0.000	160	0d	0.000	ng/ul	
54) 4-Nitrophenol-d4	14.463	143	1986373	136.540	ng/ul	0.05
60) Fluorene-d10	0.000	176	0d	0.000	ng/ul	
65) 4,6-Dinitro-2-methylph...	15.357	200	1808838	154.046	ng/ul	0.04
73) Anthracene-d10	0.000	188	0d	0.000	ng/ul	
81) Pyrene-d10	0.000	212	0d	0.000	ng/ul	
92) Benzo(a)pyrene-d12	0.000	264	0d	0.000	ng/ul	
Target Compounds						Qvalue
5) Pyridine	3.487	79	3502643	141.796	ng/ul	98
6) Benzaldehyde	6.693	77	2228499	112.149	ng/ul	96
8) Phenol	6.775	94	4429663	139.368	ng/ul	97
10) Bis(2-Chloroethyl)ether	6.999	93	3381995	134.102	ng/ul	96
13) 2-Methylphenol	8.004	108	3382003	139.330	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.087	45	4820782	144.726	ng/ul	98
16) Acetophenone	8.381	105	4814636	121.361	ng/ul	96
18) 4-Methylphenol	8.357	108	3542166	129.997	ng/ul	100
32) 4-Chloroaniline	10.504	127	4512883	125.790	ng/ul	97
34) Caprolactam	11.340	113	1288484m	142.849	ng/ul	
40) Hexachlorocyclopentadiene	12.351	237	2666174	156.102	ng/ul	98
51) 3-Nitroaniline	14.139	138	2294637	138.783	ng/ul	97
53) 2,4-Dinitrophenol	14.345	184	1504864	168.684	ng/ul	93
55) 4-Nitrophenol	14.481	109	1363472	130.515	ng/ul	95
63) 4-Nitroaniline	15.328	138	2078614m	121.132	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.375	198	1726754	145.945	ng/ul#	99
70) Atrazine	16.463	200	2826726	134.973	ng/ul	99
71) Pentachlorophenol	16.616	266	2056667	142.983	ng/ul	96
77) Carbazole	17.374	167	11104045	115.652	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.098	252	3491393	117.002	ng/ul#	95
89) Di-n-octyl phthalate	21.986	149	12008177	152.355	ng/ul	100

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