Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091023\
Data File : BP017090.D
Acq On : 11 Sep 2023 05:20
Operator : MA/JU
Sample : SSTD16048
Misc :
ALS Vial : 106 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD160608

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 09/11/2023
Supervised By :mohammad ahmed 09/12/2023

Quant Time: Sep 11 06:05:06 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP091023.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 11 05:32:49 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.963	152	367128	20.000	ng/ul	0.00
20) Naphthalene-d8	10.793	136	1622494	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.622	164	976934	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.392	188	2060960	20.000	ng/ul	0.00
79) Chrysene-d12	21.498	240	1668856	20.000	ng/ul	0.01
88) Perylene-d12	24.027	264	1266495	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.000	96	0d	0.000	ng/uL	
4) Pyridine-d5	3.752	84	4693957	169.256	ng/ul	0.00
7) Phenol-d5	7.128	99	5606758	167.163	ng/ul	0.02
9) Bis-(2-Chloroethyl)eth...	7.316	67	3510816	167.342	ng/ul	0.02
11) 2-Chlorophenol-d4	0.000	132	0d	0.000	ng/ul	
15) 4-Methylphenol-d8	8.693	113	4389052	171.766	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	10.963	131	5728857	157.626	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	14.875	143	2495346	175.667	ng/ul	0.04
60) Fluorene-d10	0.000	176	0d	0.000	ng/ul	
65) 4,6-Dinitro-2-methylph...	15.780	200	2268582	182.910	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	3.769	79	4833635	163.723	ng/ul	97
6) Benzaldehyde	7.122	77	2559923	168.396	ng/ul	96
8) Phenol	7.157	94	5834138	167.418	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.410	93	4495472	161.768	ng/ul	97
13) 2-Methylphenol	8.410	108	4254131	166.428	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.481	45	6722821m	171.824	ng/ul	
16) Acetophenone	8.834	105	6477864	157.099	ng/ul	95
18) 4-Methylphenol	8.769	108	4547220	163.119	ng/ul	99
32) 4-Chloroaniline	10.993	127	5585659	147.675	ng/ul	100
34) Caprolactam	11.875	113	1376634m	161.912	ng/ul	
40) Hexachlorocyclopentadiene	12.745	237	2917867	156.455	ng/ul	98
51) 3-Nitroaniline	14.586	138	2513150	169.942	ng/ul	94
53) 2,4-Dinitrophenol	14.786	184	1735865	188.935	ng/ul#	85
55) 4-Nitrophenol	14.892	109	1934842	170.186	ng/ul	92
63) 4-Nitroaniline	15.780	138	2228193	171.372	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.792	198	2413216	185.715	ng/ul#	81
70) Atrazine	16.869	200	3069339	144.255	ng/ul	97
71) Pentachlorophenol	17.022	266	2532519	172.784	ng/ul	99
77) Carbazole	17.822	167	14384459	139.043	ng/ul#	88
84) 3,3'-Dichlorobenzidine	21.421	252	5924703	159.968	ng/ul	99
89) Di-n-octyl phthalate	22.315	149	15760723	148.451	ng/ul	100

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