Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091223\
Data File : BP017119.D
Acq On : 12 Sep 2023 15:23
Operator : MA/JU
Sample : SSTD16054
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Sep 12 23:20:01 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP091223.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 12 22:45:48 2023
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTD160615

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/13/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.957	152	302152	20.000	ng/ul	0.00
20) Naphthalene-d8	10.793	136	1325467	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.622	164	843852	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.392	188	1929945	20.000	ng/ul	0.00
79) Chrysene-d12	21.504	240	1771238	20.000	ng/ul	0.02
88) Perylene-d12	24.033	264	1678298	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	3.746	84	3150390	153.165	ng/ul	0.00
7) Phenol-d5	7.128	99	3879241	157.892	ng/ul	0.02
9) Bis-(2-Chloroethyl)eth...	7.310	67	2278402	148.370	ng/ul	0.01
11) 2-Chlorophenol-d4	0.000	132	0d	0.000	ng/ul	
15) 4-Methylphenol-d8	8.693	113	3270148	160.602	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	4375327	151.485	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	1990529	171.508	ng/ul	0.04
60) Fluorene-d10	0.000	176	0d	0.000	ng/ul	
65) 4,6-Dinitro-2-methylph...	15.775	200	1895426	175.786	ng/ul	0.03
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	3213379	150.826	ng/ul	98
6) Benzaldehyde	7.122	77	1457530	106.557	ng/ul	95
8) Phenol	7.157	94	4051524	156.356	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.410	93	3089108	149.469	ng/ul	96
13) 2-Methylphenol	8.410	108	3081912	159.540	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.499	45	4027899m	155.054	ng/ul	
16) Acetophenone	8.834	105	4468083	140.195	ng/ul	97
18) 4-Methylphenol	8.769	108	3427557	160.374	ng/ul	98
32) 4-Chloroaniline	10.993	127	4156447	147.470	ng/ul	97
34) Caprolactam	11.881	113	902110m	153.825	ng/ul	
40) Hexachlorocyclopentadiene	12.745	237	2652594	169.393	ng/ul	99
51) 3-Nitroaniline	14.592	138	1946493	163.263	ng/ul	92
53) 2,4-Dinitrophenol	14.786	184	1520443	194.778	ng/ul	90
55) 4-Nitrophenol	14.898	109	1576825	169.752	ng/ul	90
63) 4-Nitroaniline	15.786	138	1543642	139.269	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.798	198	1925705	166.413	ng/ul#	86
70) Atrazine	16.869	200	2597015	142.969	ng/ul	99
71) Pentachlorophenol	17.022	266	2541681	179.608	ng/ul	100
77) Carbazole	17.828	167	12320728	142.842	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.427	252	5882204	161.984	ng/ul#	98
89) Di-n-octyl phthalate	22.321	149	15038283	161.599	ng/ul	100

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