Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042324\
Data File : BP020103.D
Acq On : 23 Apr 2024 13:40
Operator : MA/JU
Sample : SSTD16099
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Apr 24 00:38:41 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP042324.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Apr 23 14:20:59 2024
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTD160621

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.640	152	148447	20.000	ng/ul	0.00
20) Naphthalene-d8	10.416	136	569481	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.316	164	299420	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.157	188	555131	20.000	ng/ul	0.00
79) Chrysene-d12	21.668	240	550469	20.000	ng/ul	0.01
88) Perylene-d12	25.062	264	596606	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	3.622	84	1569882	160.216	ng/ul	-0.01
7) Phenol-d5	6.834	99	2003237	160.908	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	6.998	67	1266445	156.488	ng/ul	0.01
11) 2-Chlorophenol-d4	0.000	132	0d	0.000	ng/ul	
15) 4-Methylphenol-d8	8.363	113	1534651	160.486	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	10.575	131	1658487	147.358	ng/ul	0.00
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	14.580	143	514071	164.201	ng/ul	0.02
60) Fluorene-d10	0.000	176	0d	0.000	ng/ul	
65) 4,6-Dinitro-2-methylph...	15.504	200	529458	198.803	ng/ul	0.01
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	3.646	79	1599371	159.469	ng/ul	98
6) Benzaldehyde	6.810	77	758245m	108.067	ng/ul	
8) Phenol	6.869	94	2079926	159.961	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.092	93	1623749	156.441	ng/ul	97
13) 2-Methylphenol	8.087	108	1501674	159.091	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.163	45	2203387	152.650	ng/ul	99
16) Acetophenone	8.481	105	2425901	154.484	ng/ul	96
18) 4-Methylphenol	8.439	108	1592032	158.641	ng/ul	98
32) 4-Chloroaniline	10.598	127	1621374	146.917	ng/ul	98
34) Caprolactam	11.457	113	383850m	171.505	ng/ul	
40) Hexachlorocyclopentadiene	12.422	237	856160	226.330	ng/ul	97
51) 3-Nitroaniline	14.263	138	595493	141.824	ng/ul	96
53) 2,4-Dinitrophenol	14.480	184	390203	215.758	ng/ul	91
55) 4-Nitrophenol	14.598	109	552548	169.381	ng/ul	93
63) 4-Nitroaniline	15.474	138	562142m	145.146	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.521	198	554241	198.777	ng/ul#	93
70) Atrazine	16.633	200	860597	151.758	ng/ul	100
71) Pentachlorophenol	16.798	266	727067	169.895	ng/ul	98
77) Carbazole	17.598	167	3916713	153.841	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.574	252	1463172	141.481	ng/ul	97
89) Di-n-octyl phthalate	22.898	149	5943162	158.922	ng/ul	100

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