Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053024\
Data File : BG061382.D
Acq On : 31 May 2024 6:49
Operator : MA/JU
Sample : P2570-10
Misc :
ALS Vial : 24 Sample Multiplier: 1

Quant Time: May 31 07:28:20 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu May 30 22:54:48 2024
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
BH6B9

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 05/31/2024
Supervised By :mohammad ahmed 06/01/2024

05/31/2024
Supervised By :mohammad ahmed

06/01/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.876	152	28298	20.000	ng/ul	0.00
20) Naphthalene-d8	10.667	136	112626	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.510	164	82289	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.260	188	187023	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.513	240	195809	20.000	ng/ul	0.00
88) Perylene-d12	24.598	264	222387	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.335	96	2481	4.906	ng/uL	0.00
4) Pyridine-d5	3.746	84	10299	5.725	ng/ul	0.00
7) Phenol-d5	7.060	99	60161	25.889	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.207	67	39836	27.273	ng/ul	0.00
11) 2-Chlorophenol-d4	7.412	132	51609	30.008	ng/ul	0.00
15) 4-Methylphenol-d8	8.593	113	49072	24.765	ng/ul	0.00
21) Nitrobenzene-d5	9.034	128	26887	31.007	ng/ul	0.00
24) 2-Nitrophenol-d4	9.751	143	29911	29.473	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.303	165	60382	30.519	ng/ul	0.00
31) 4-Chloroaniline-d4	10.802	131	55823	21.567	ng/ul	0.00
46) Dimethylphthalate-d6	13.916	166	196832	30.841	ng/ul	0.00
49) Acenaphthylene-d8	14.204	160	221721	33.416	ng/ul	0.00
54) 4-Nitrophenol-d4	14.751	143	14321m	18.150	ng/ul	0.01
60) Fluorene-d10	15.503	176	178553	32.405	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.644	200	24501	21.660	ng/ul	0.00
73) Anthracene-d10	17.359	188	286891	34.795	ng/ul	0.00
81) Pyrene-d10	19.651	212	350746	34.887	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.386	264	379494	35.495	ng/ul	0.00
Target Compounds						Qvalue
72) Phenanthrene	17.301	178	72122	7.945	ng/ul	100
77) Carbazole	17.659	167	7991	1.047	ng/ul	94
78) Di-n-butylphthalate	18.223	149	27525	2.878	ng/ul#	97
80) Fluoranthene	19.316	202	210506	17.453	ng/ul	99
82) Pyrene	19.680	202	191571	15.302	ng/ul	98
83) Butylbenzylphthalate	20.567	149	46610	10.838	ng/ul	96
85) Benzo(a)anthracene	21.490	228	111892	8.282	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.408	149	65823	10.340	ng/ul#	99
87) Chrysene	21.554	228	119915	9.639	ng/ul	99
90) Benzo(b)fluoranthene	23.623	252	159554	12.050	ng/ul	98
91) Benzo(k)fluoranthene	23.681	252	52699m	3.921	ng/ul	
93) Benzo(a)pyrene	24.451	252	108203	8.606	ng/ul	95
94) Indeno(1,2,3-cd)pyrene	28.094	276	74420m	4.895	ng/ul	
95) Dibenzo(a,h)anthracene	28.135	278	20727m	1.653	ng/ul	
96) Benzo(g,h,i)perylene	29.169	276	70892m	5.861	ng/ul	

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

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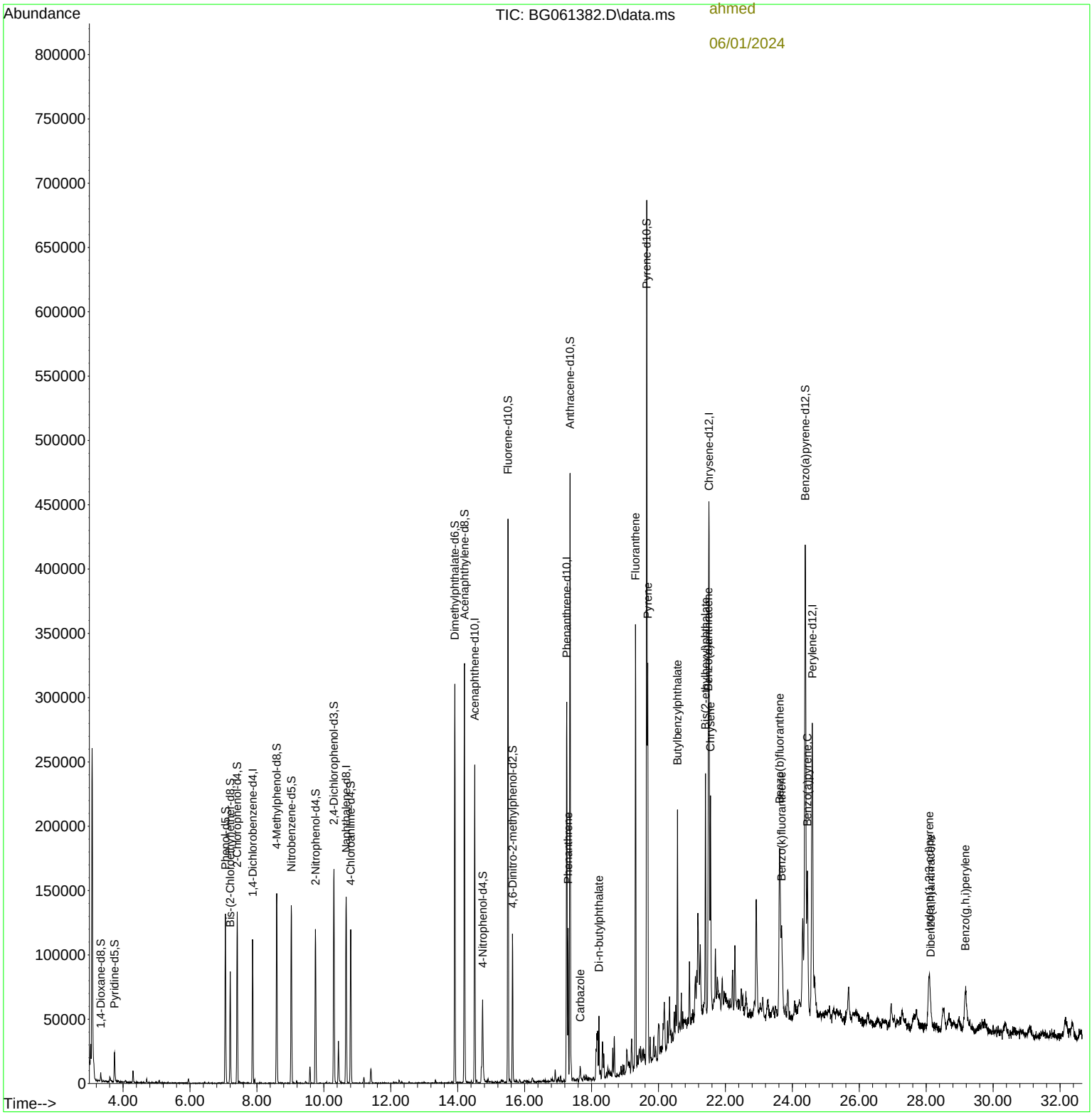
06/01/2024