Quantitation Report (Qedit)

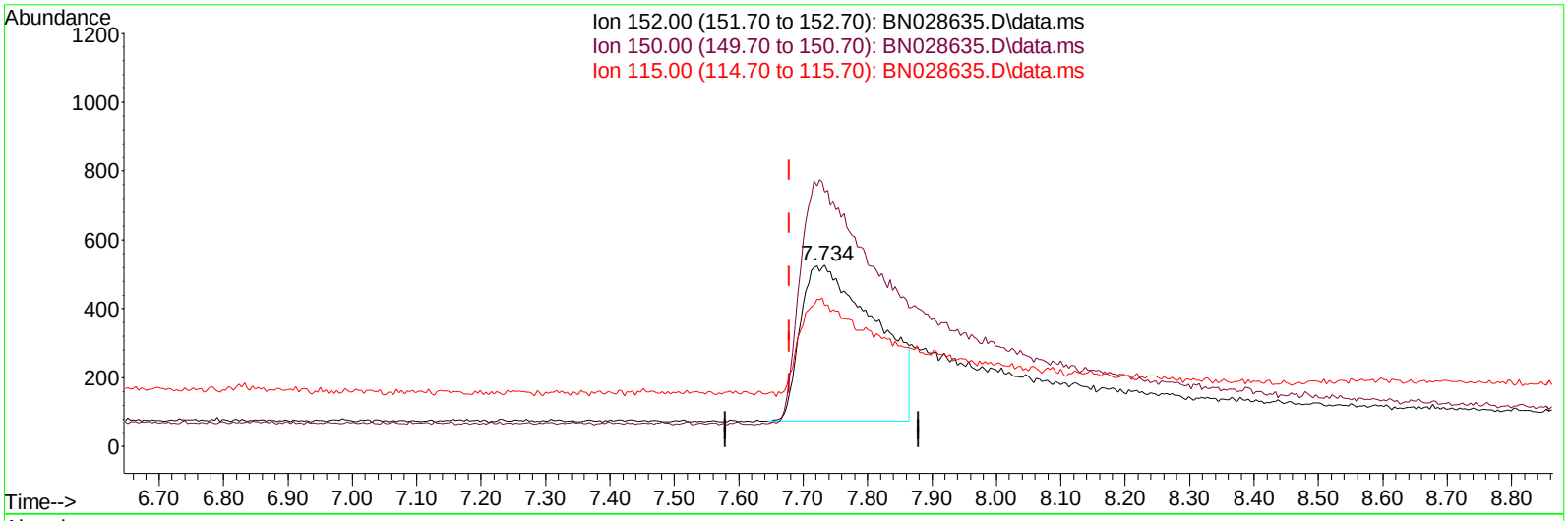
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
Data File : BN028635.D
Acq On : 15 Nov 2023 19:34
Operator : MA/JU
Sample : PB157056BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

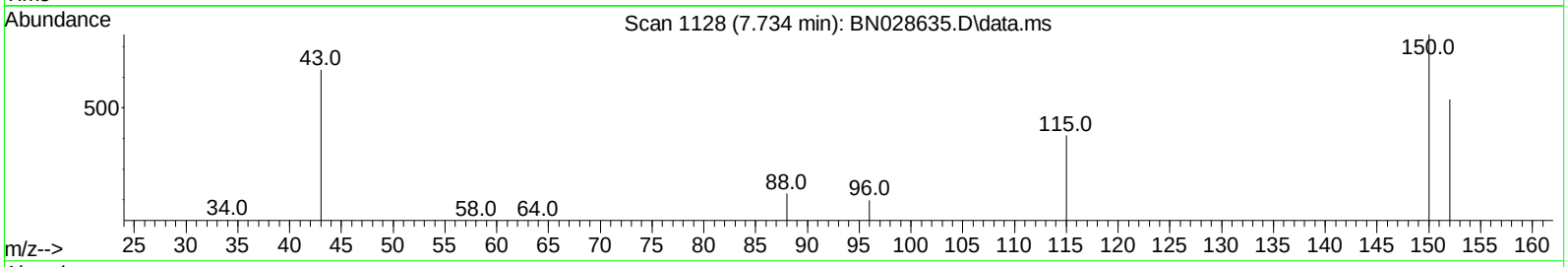
Quant Time: Nov 16 13:50:49 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 16 07:25:53 2023
Response via : Initial Calibration

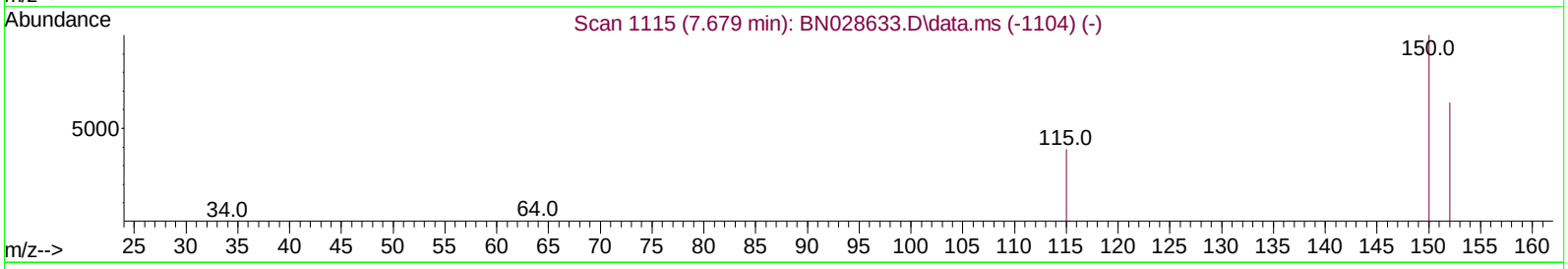
Instrument :
BNA_N
ClientSampleId :
SLCS056

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/17/2023
Supervised By :mohammad ahmed 11/20/2023







TIC: BN028635.D\data.ms

(1) 1,4-Dichlorobenzene-d4 (I)

7.734min (+ 0.055) 0.40 ng/ul

response 3682

Ion	Exp%	Act%
152.00	100.00	100.00
150.00	155.30	140.23
115.00	62.20	77.80#
0.00	0.00	0.00

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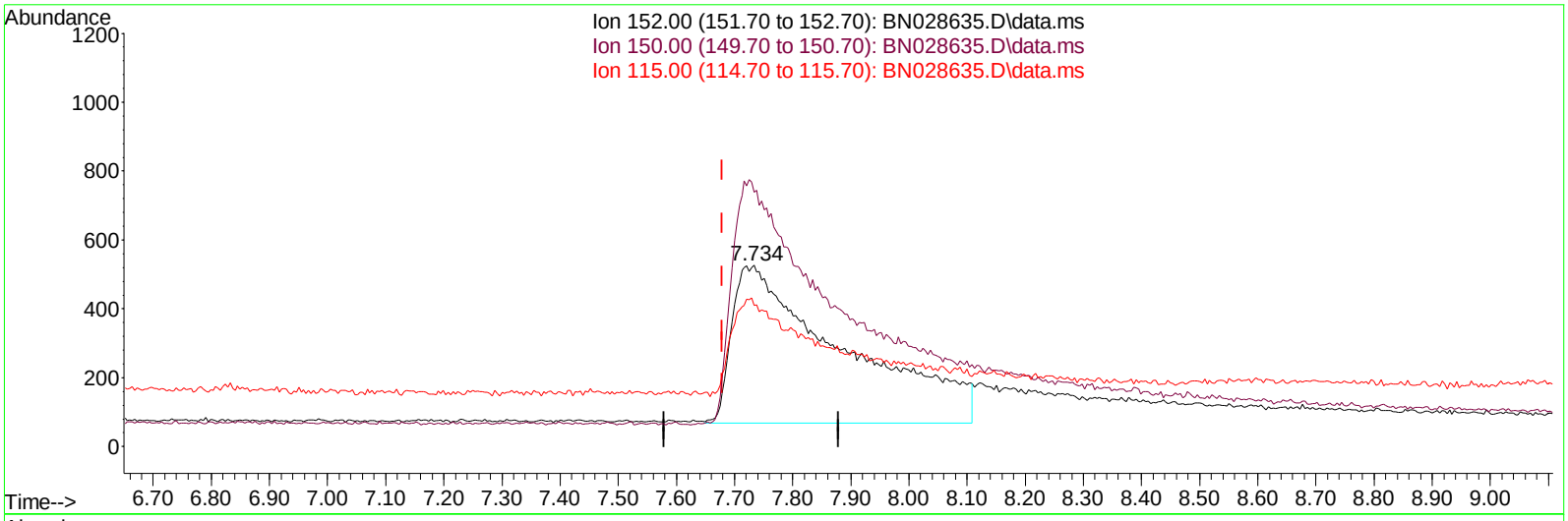

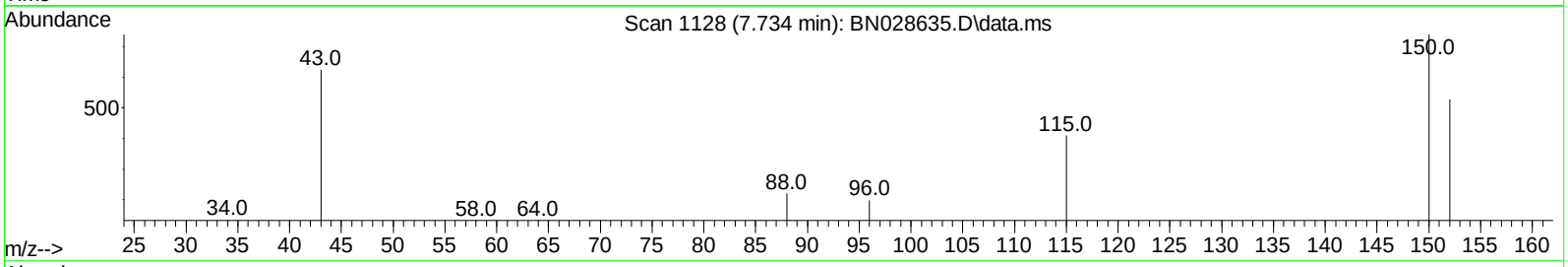

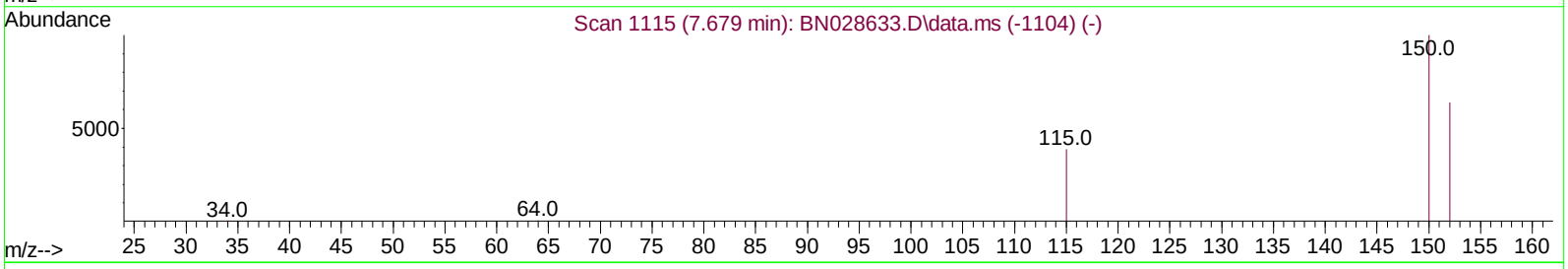

TIC: BN028635.D\data.ms

(1) 1,4-Dichlorobenzene-d4 (I)

7.734min (+ 0.055) 0.40 ng/ul m

response 6087

Ion	Exp%	Act%
152.00	100.00	100.00
150.00	155.30	140.23
115.00	62.20	77.80#
0.00	0.00	0.00

Quantitation Report (Qedit)

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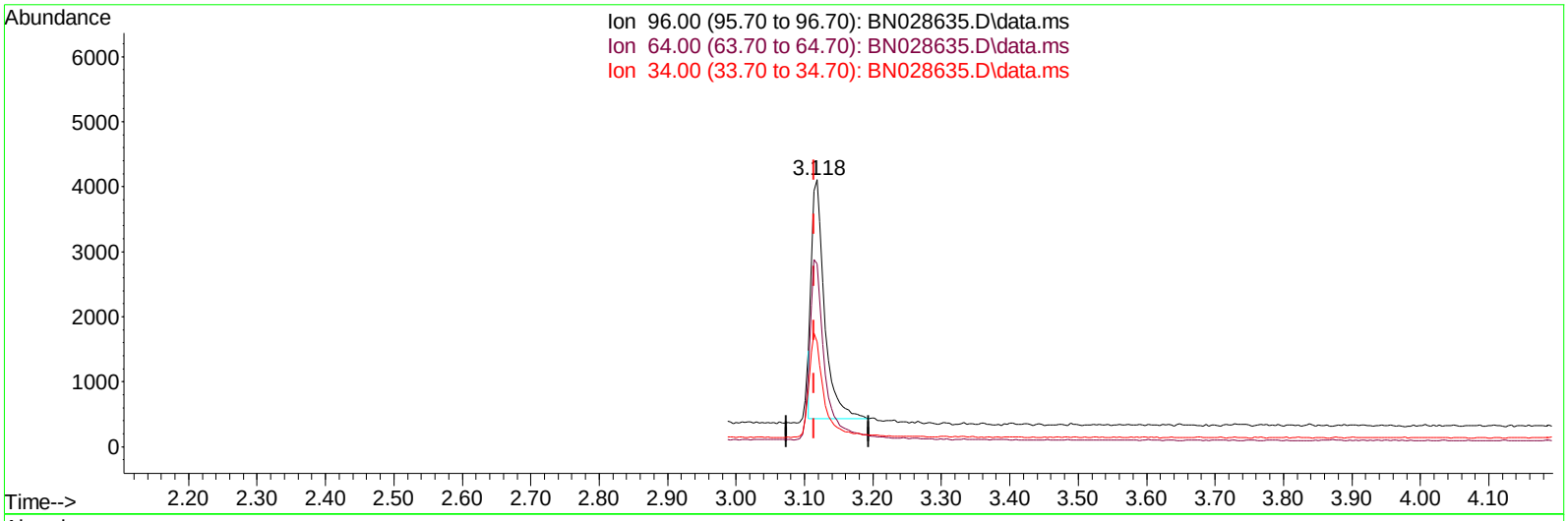

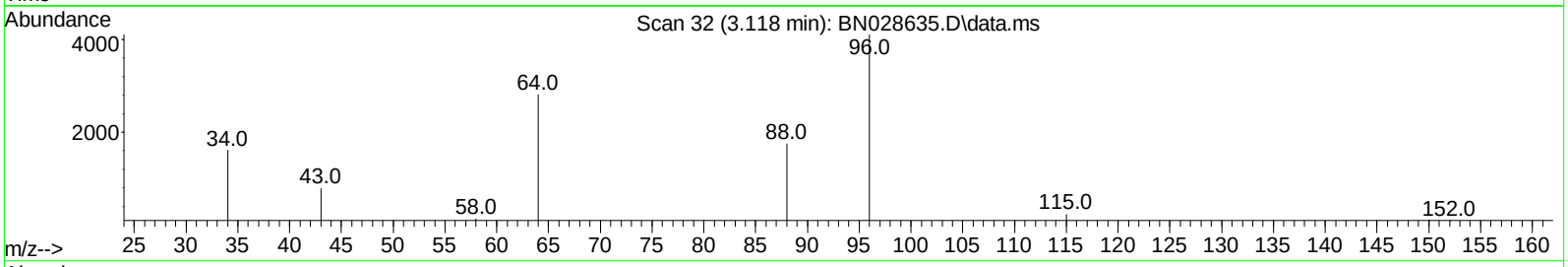

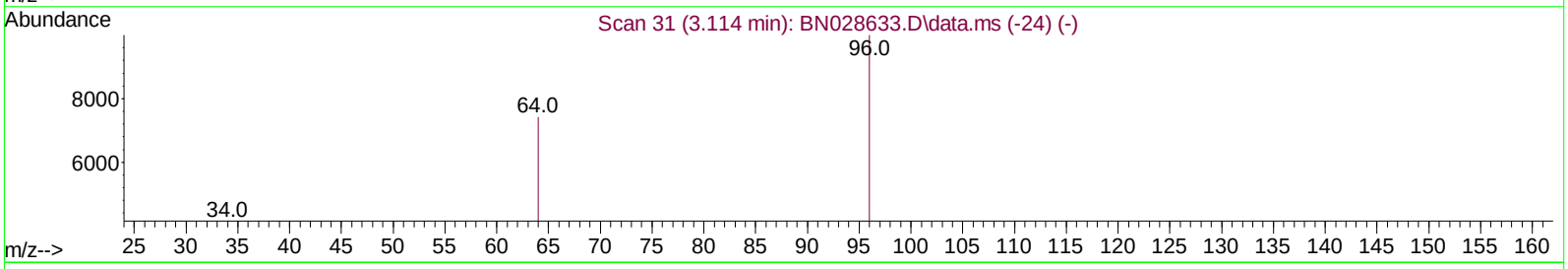

TIC: BN028635.D\data.ms

(3) 1,4-Dioxane-d8 (S)

3.118min (+ 0.004) 0.73 ng/ul

response 4899

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	67.40	68.46
34.00	38.60	39.28
0.00	0.00	0.00

Quantitation Report (Qedit)

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Misc :
ALS Vial : 4 Sample Multiplier: 1

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Manual IntegrationsAPPROVED

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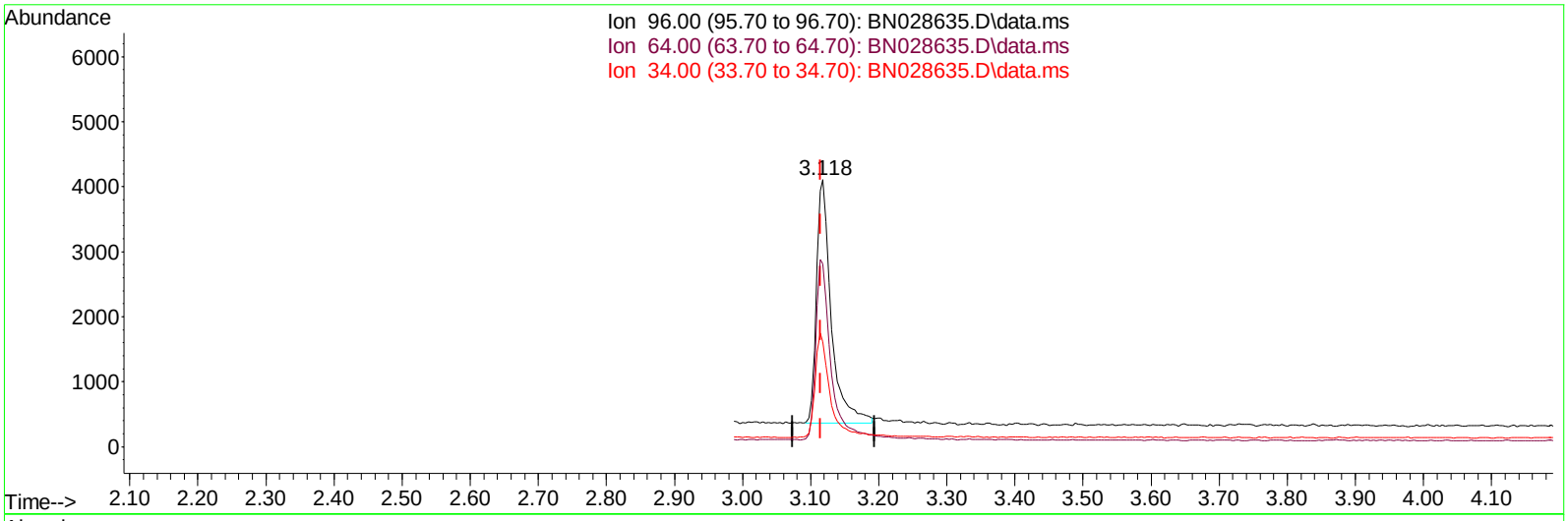

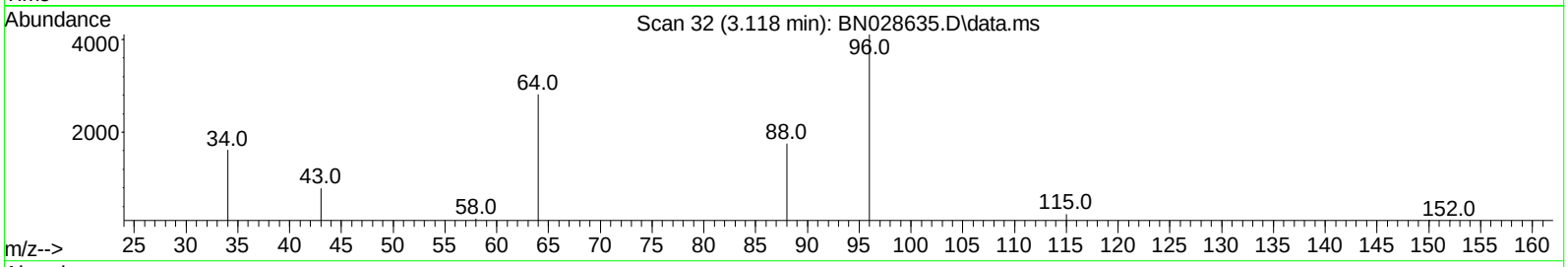

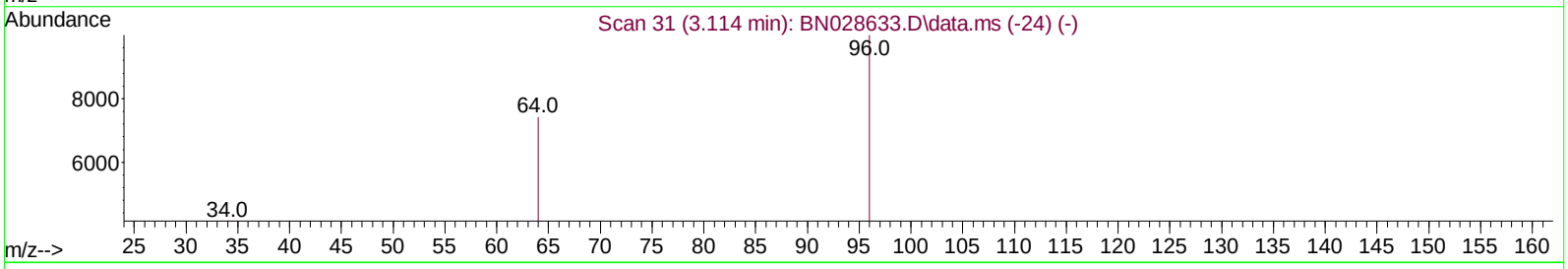

TIC: BN028635.D\data.ms

(3) 1,4-Dioxane-d8 (S)

3.118min (+ 0.004) 0.83 ng/ul m

response 5616

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	67.40	68.46
34.00	38.60	39.28
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Data File : BN028635.D
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Misc :
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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/17/2023
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.734	152	6087m	0.400	ng/ul		0.05
4) Naphthalene-d8	10.481	136	19159	0.400	ng/ul	#	0.02
9) Acenaphthene-d10	14.327	164	15873	0.400	ng/ul		0.00
13) Phenanthrene-d10	17.087	188	22980	0.400	ng/ul		0.00
17) Chrysene-d12	21.298	240	23998	0.400	ng/ul	#	0.00
23) Perylene-d12	23.587	264	23158	0.400	ng/ul	#	0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.118	96	5616m	0.835	ng/ul		0.00
6) 2-Methylnaphthalene-d10	12.103	152	5268	0.183	ng/ul		0.04
18) Fluoranthene-d10	19.124	212	21780	0.282	ng/ul		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.148	88	13650	1.836	ng/ul	#	83
5) Naphthalene	10.530	128	15638	0.291	ng/ul		97
7) 2-Methylnaphthalene	12.169	142	6066	0.171	ng/ul		97
8) 1-Methylnaphthalene	12.367	142	10970	0.305	ng/ul		99
10) Acenaphthylene	14.049	152	17995	0.227	ng/ul		98
11) Acenaphthene	14.392	153	15636	0.268	ng/ul		99
12) Fluorene	15.391	166	13567	0.200	ng/ul		99
14) Pentachlorophenol	16.754	266	2266	0.411	ng/ul		99
15) Phenanthrene	17.129	178	20355	0.288	ng/ul		98
16) Anthracene	17.235	178	11344	0.175	ng/ul		95
19) Fluoranthene	19.152	202	28556	0.280	ng/ul		100
20) Pyrene	19.514	202	32688	0.309	ng/ul		97
21) Benzo(a)anthracene	21.287	228	19114	0.201	ng/ul		99
22) Chrysene	21.336	228	24867	0.268	ng/ul		99
24) Benzo(b)fluoranthene	22.897	252	23713	0.273	ng/ul		86
25) Benzo(k)fluoranthene	22.944	252	28445	0.313	ng/ul	#	91
26) Benzo(a)pyrene	23.493	252	22630	0.276	ng/ul	#	68
27) Indeno(1,2,3-cd)pyrene	25.941	276	29267	0.321	ng/ul	#	98
28) Dibenzo(a,h)anthracene	25.971	278	21808	0.300	ng/ul	#	93
29) Benzo(g,h,i)perylene	26.655	276	26097	0.350	ng/ul		98

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

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