Quantitation Report (Qedit)

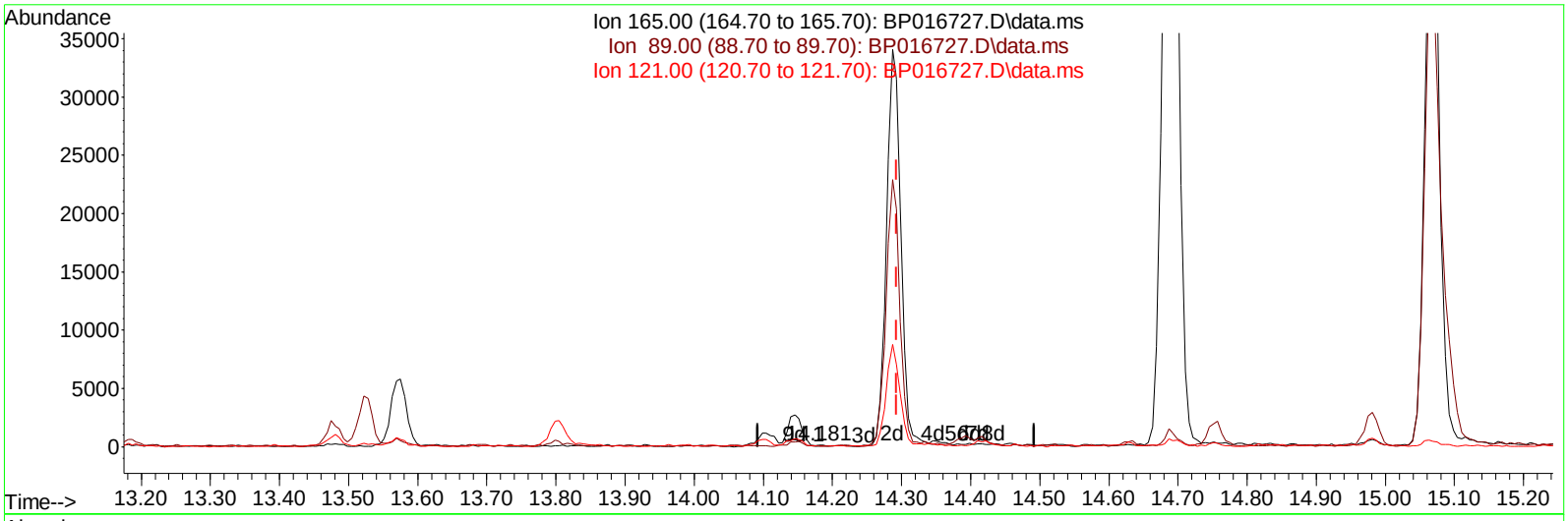
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082423\
Data File : BP016727.D
Acq On : 24 Aug 2023 13:23
Operator : MA/JU
Sample : SSTD00531
Misc :
ALS Vial : 2 Sample Multiplier: 1

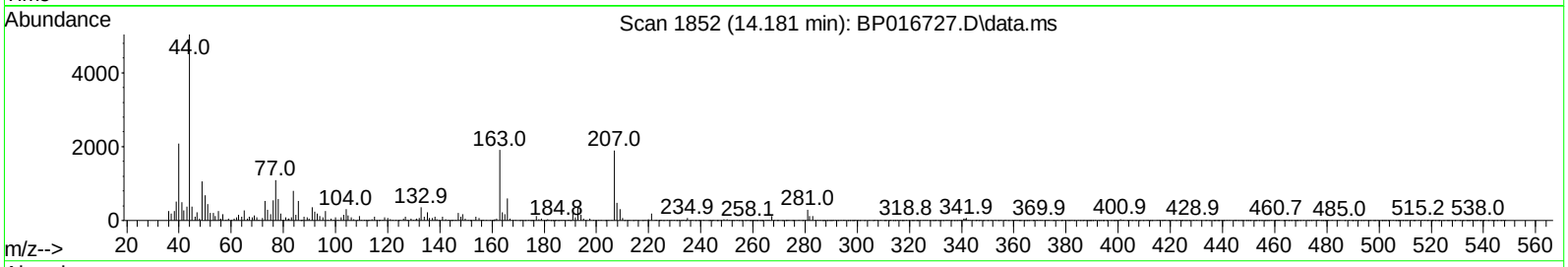
Quant Time: Aug 25 01:11:11 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP082423.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 25 00:53:07 2023
Response via : Initial Calibration

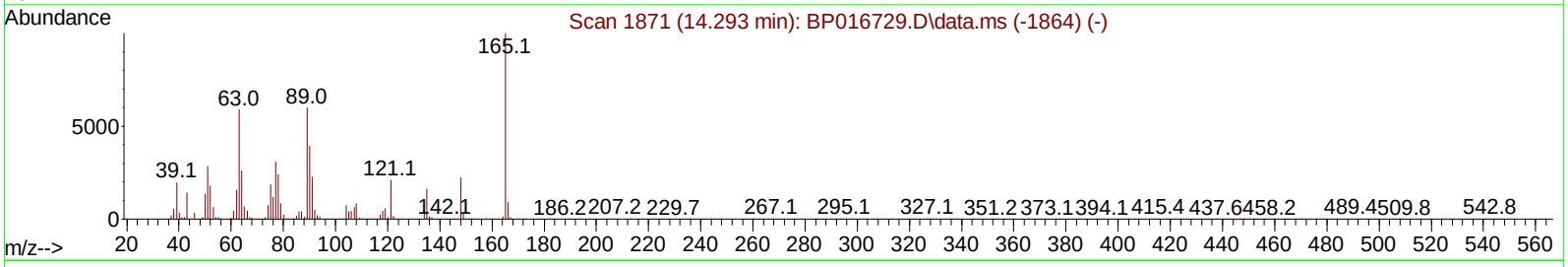
Instrument :
BNA_P
ClientSampleId :
SSTD005631

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 08/25/2023
Supervised By :mohammad ahmed 08/25/2023







TIC: BP016727.D\data.ms

(48) 2,6-Dinitrotoluene

14.181min (-0.112) 0.01 ng/ul

response 75

Ion	Exp%	Act%
165.00	100.00	100.00
89.00	60.00	55.49
121.00	21.10	21.34
0.00	0.00	0.00

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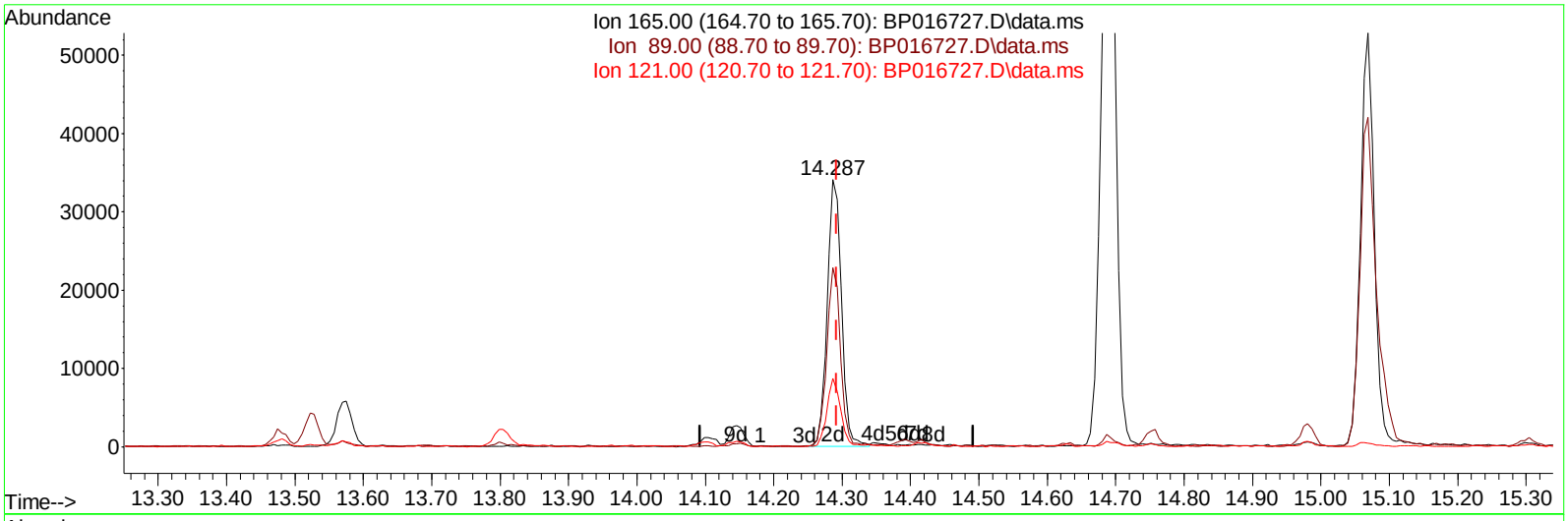

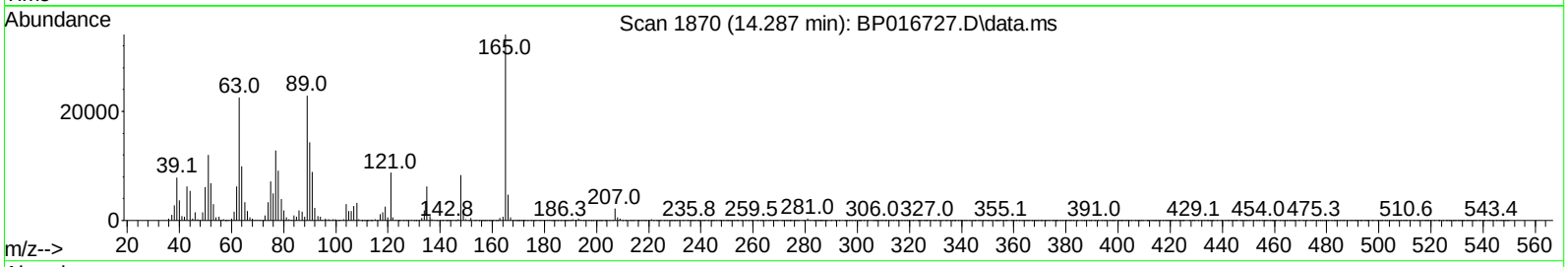

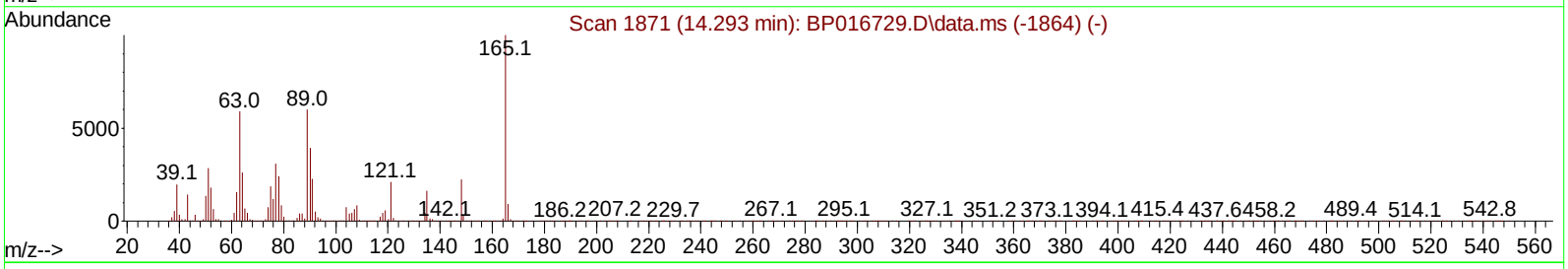

TIC: BP016727.D\data.ms

(48) 2,6-Dinitrotoluene

14.287min (-0.006) 3.59 ng/ul m

response 49608

Ion	Exp%	Act%
165.00	100.00	100.00
89.00	60.00	67.15
121.00	21.10	25.68#
0.00	0.00	0.00

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.040	152	336881	20.000	ng/ul	0.00
20) Naphthalene-d8	10.869	136	1422713	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.693	164	922486	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.457	188	2112329	20.000	ng/ul	0.00
79) Chrysene-d12	21.557	240	2137340	20.000	ng/ul	0.00
88) Perylene-d12	24.133	264	2293532	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.387	96	15299	1.877	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	0.000	99	0d	0.000	ng/ul	
9) Bis-(2-Chloroethyl)eth...	0.000	67	0d	0.000	ng/ul	
11) 2-Chlorophenol-d4	7.558	132	95943	4.260	ng/ul	0.00
15) 4-Methylphenol-d8	0.000	113	0d	0.000	ng/ul	
21) Nitrobenzene-d5	9.234	128	43887	4.080	ng/ul	0.00
24) 2-Nitrophenol-d4	9.952	143	42064	3.710	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.475	165	87263	4.128	ng/ul	0.00
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/ul	
46) Dimethylphthalate-d6	14.098	166	316266	4.546	ng/ul	0.00
49) Acenaphthylene-d8	14.387	160	339758	4.320	ng/ul	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/ul	
60) Fluorene-d10	15.681	176	272403	4.650	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/ul	
73) Anthracene-d10	17.557	188	427534	4.566	ng/ul	0.00
81) Pyrene-d10	19.792	212	510710	4.351	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.957	264	494824	4.307	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.423	88	17280	1.947	ng/uL	96
12) 2-Chlorophenol	7.587	128	101346	4.402	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.852	70	81787	4.093	ng/ul	96
19) Hexachloroethane	9.110	117	43809	4.574	ng/ul	94
22) Nitrobenzene	9.275	77	120161	4.354	ng/ul	98
23) Isophorone	9.793	82	225159	4.201	ng/ul	99
25) 2-Nitrophenol	9.981	139	49292	3.932	ng/ul	98
26) 2,4-Dimethylphenol	10.016	107	109594	4.349	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.275	93	150031	4.537	ng/ul	97
29) 2,4-Dichlorophenol	10.505	162	90000	4.239	ng/ul	98
30) Naphthalene	10.922	128	353110	4.791	ng/ul	99
33) Hexachlorobutadiene	11.152	225	66142	5.057	ng/ul	99
35) 4-Chloro-3-methylphenol	12.140	107	93461	3.925	ng/ul	95
36) 2-Methylnaphthalene	12.522	142	235584	4.631	ng/ul	97
37) 1-Methylnaphthalene	12.740	142	238547	4.650	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.869	216	125315	4.766	ng/ul	98
41) 2,4,6-Trichlorophenol	13.116	196	70122	3.994	ng/ul	99
42) 2,4,5-Trichlorophenol	13.187	196	77451	4.077	ng/ul	97
43) 1,1'-Biphenyl	13.522	154	323232	4.713	ng/ul	100
44) 2-Chloronaphthalene	13.575	162	252132	4.657	ng/ul	99
45) 2-Nitroaniline	13.798	65	58623	3.570	ng/ul	96
47) Dimethylphthalate	14.146	163	330366	4.689	ng/ul	99
48) 2,6-Dinitrotoluene	14.287	165	49608m	3.594	ng/ul	

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
50)	Acenaphthylene	14.416	152	413283	4.591	ng/ul	99
52)	Acenaphthene	14.751	153	284118	4.771	ng/ul	98
56)	Dibenzofuran	15.087	168	396765	4.856	ng/ul	99
57)	2,4-Dinitrotoluene	15.069	165	74358	3.659	ng/ul	98
58)	2,3,4,6-Tetrachlorophenol	15.304	232	69401	4.291	ng/ul	98
59)	Diethylphthalate	15.498	149	326037	4.555	ng/ul	99
61)	Fluorene	15.740	166	327052	4.785	ng/ul	100
62)	4-Chlorophenyl-phenyle...	15.734	204	160230	4.775	ng/ul	99
67)	N-Nitrosodiphenylamine	15.957	169	267512	4.579	ng/ul	99
68)	4-Bromophenyl-phenylether	16.634	248	97341	4.806	ng/ul	95
69)	Hexachlorobenzene	16.716	284	116567	5.141	ng/ul	96
72)	Phenanthrene	17.498	178	536246	4.822	ng/ul	99
74)	Anthracene	17.592	178	530555	4.718	ng/ul	99
75)	1,2,3,4-Tetrachloroben...	13.481	216	129101	4.565	ng/uL	97
76)	Pentachlorobenzene	14.981	250	123204	4.874	ng/uL	98
78)	Di-n-butylphthalate	18.386	149	531286	4.205	ng/ul	99
80)	Fluoranthene	19.463	202	618739	4.388	ng/ul	97
82)	Pyrene	19.816	202	664162	4.560	ng/ul	99
83)	Butylbenzylphthalate	20.675	149	230962	3.677	ng/ul	99
85)	Benzo(a)anthracene	21.539	228	680654	4.623	ng/ul	98
86)	Bis(2-ethylhexyl)phtha...	21.416	149	342984	3.739	ng/ul	98
87)	Chrysene	21.592	228	627836	4.695	ng/ul	98
90)	Benzo(b)fluoranthene	23.321	252	637161	4.350	ng/ul	98
91)	Benzo(k)fluoranthene	23.374	252	640881	4.425	ng/ul	99
93)	Benzo(a)pyrene	24.010	252	581486	4.389	ng/ul	99
94)	Indeno(1,2,3-cd)pyrene	26.862	276	610860	4.513	ng/ul	95
95)	Dibenzo(a,h)anthracene	26.892	278	504858	4.490	ng/ul	97
96)	Benzo(g,h,i)perylene	27.721	276	473565	4.614	ng/ul	95

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

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