Quantitation Report (Qedit)

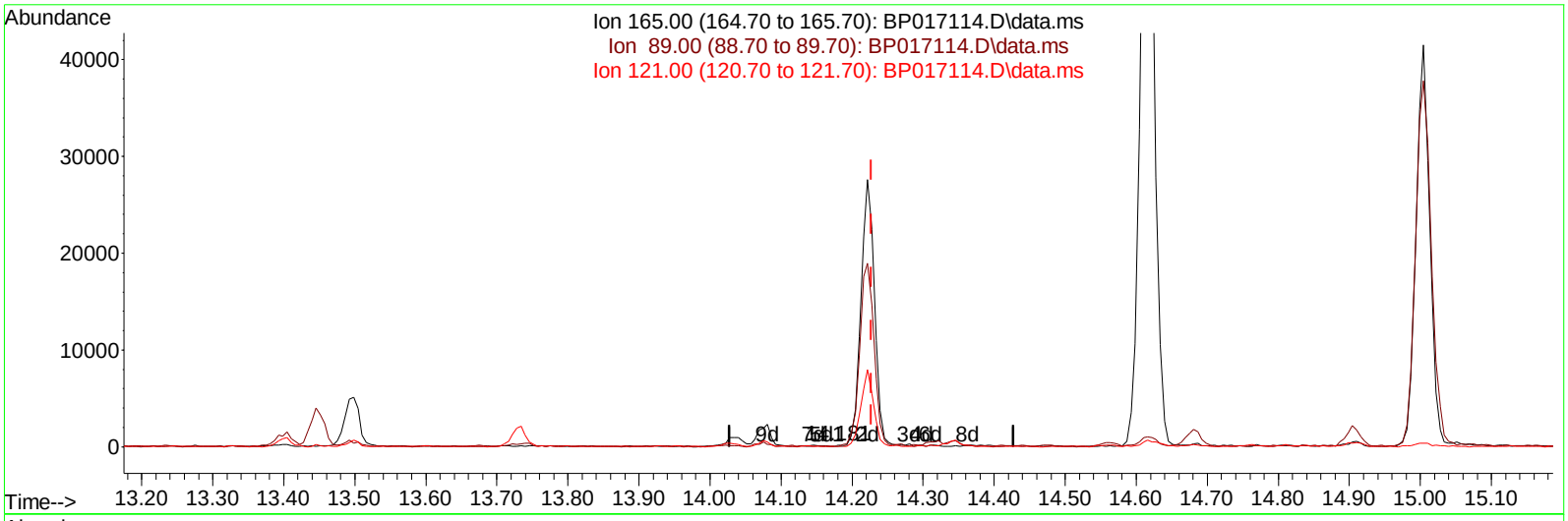
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091223\
Data File : BP017114.D
Acq On : 12 Sep 2023 12:30
Operator : MA/JU
Sample : SSTD00549
Misc :
ALS Vial : 2 Sample Multiplier: 1

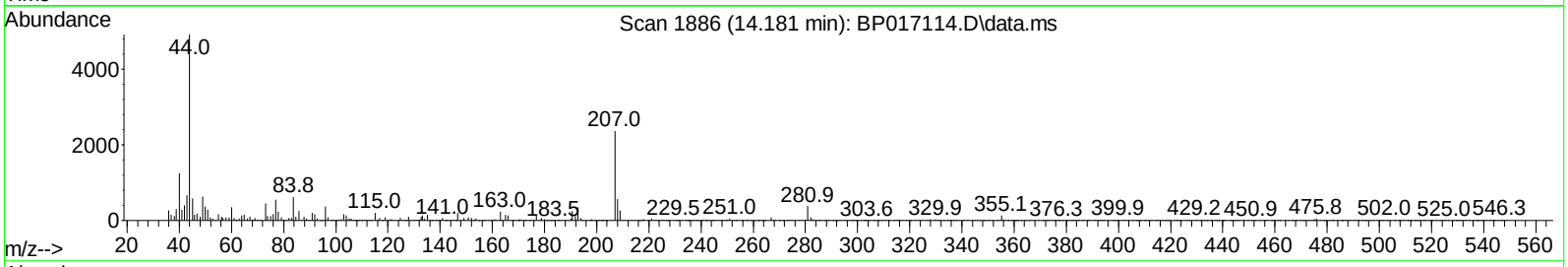
Quant Time: Sep 12 22:53:10 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP091223.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 12 22:45:48 2023
Response via : Initial Calibration

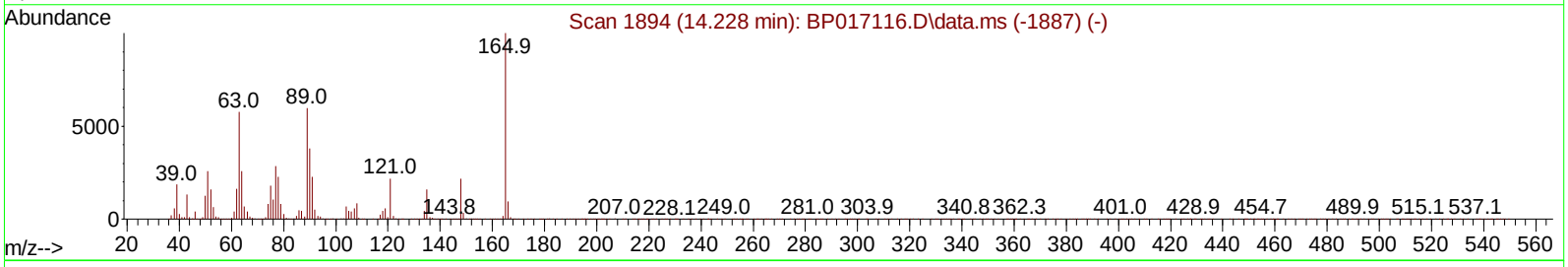
Instrument :
BNA_P
ClientSampleId :
SSTD005610

Manual IntegrationsAPPROVED

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







TIC: BP017114.D\data.ms

(48) 2,6-Dinitrotoluene

14.181min (-0.047) 0.01 ng/ul

response 55

Ion	Exp%	Act%
165.00	100.00	100.00
89.00	59.80	48.32
121.00	21.80	24.83
0.00	0.00	0.00

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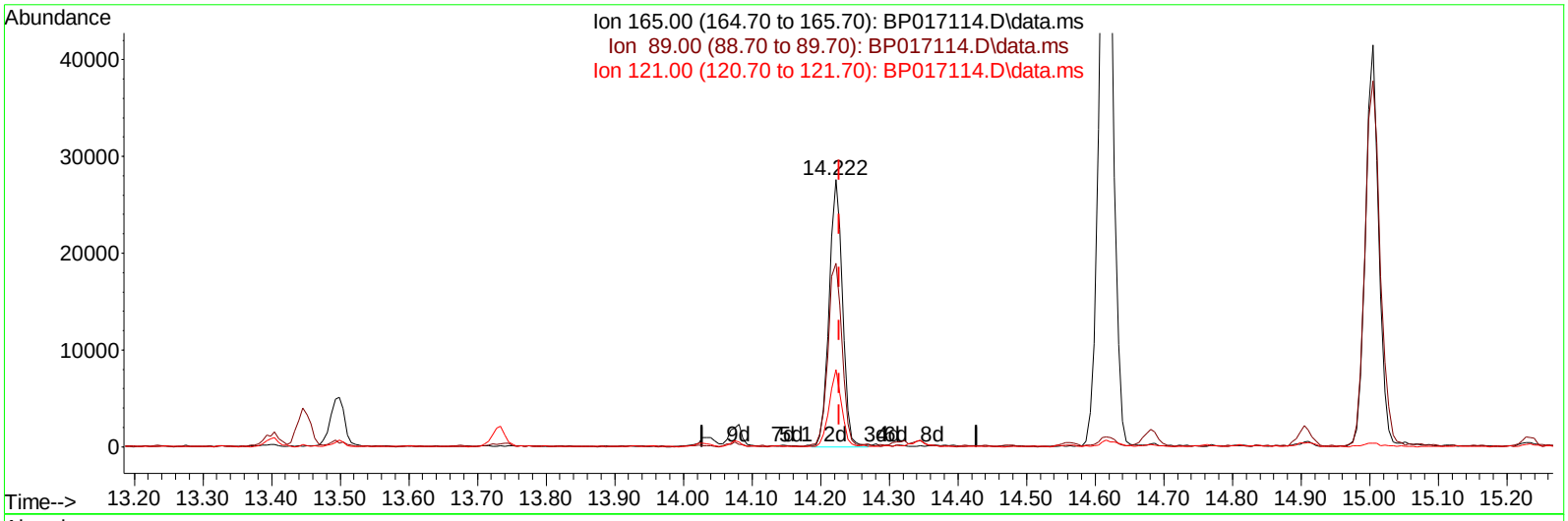

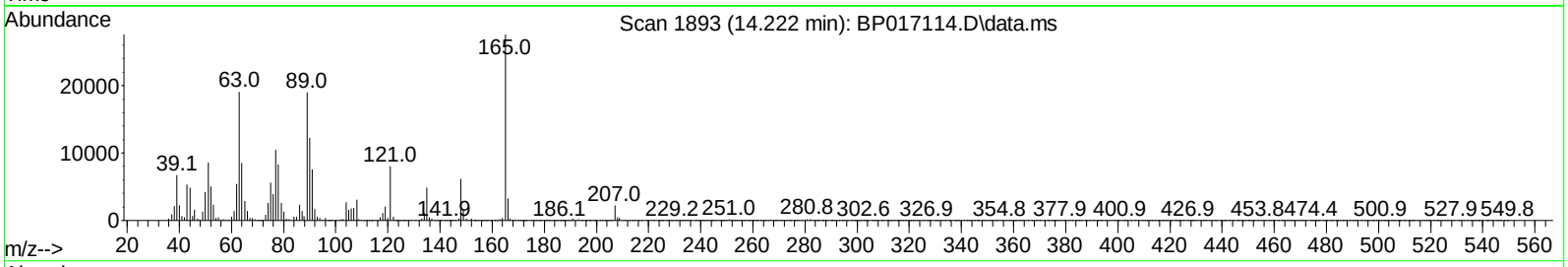

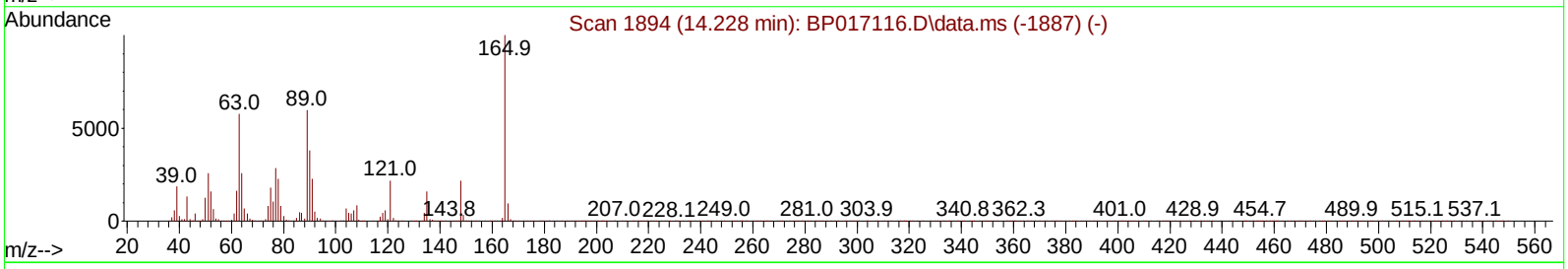

TIC: BP017114.D\data.ms

(48) 2,6-Dinitrotoluene

14.222min (-0.006) 3.85 ng/ul m

response 36998

Ion	Exp%	Act%
165.00	100.00	100.00
89.00	59.80	68.74
121.00	21.80	29.00#
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	7.958	152	264999	20.000	ng/ul	0.00
20) Naphthalene-d8	10.781	136	1137426	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.616	164	728194	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.387	188	1653317	20.000	ng/ul	0.00
79) Chrysene-d12	21.486	240	1525821	20.000	ng/ul	0.00
88) Perylene-d12	24.016	264	1541738	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.317	96	12620	2.001	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	7.475	132	76601	4.456	ng/ul	0.00
15) 4-Methylphenol-d8	0.000	113	0d	0.000	ng/ul	
21) Nitrobenzene-d5	9.152	128	33773	4.240	ng/ul	0.00
24) 2-Nitrophenol-d4	9.869	143	34136	4.015	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.393	165	71516	4.349	ng/ul	0.00
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/ul	
46) Dimethylphthalate-d6	14.028	166	241055	4.652	ng/ul	0.00
49) Acenaphthylene-d8	14.316	160	261972	4.455	ng/ul	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/ul	
60) Fluorene-d10	15.610	176	210578	4.700	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/ul	
73) Anthracene-d10	17.487	188	324593	4.621	ng/ul	0.00
81) Pyrene-d10	19.722	212	369279	4.615	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.845	264	324128	4.454	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.352	88	13320	1.964	ng/uL	96
12) 2-Chlorophenol	7.511	128	79415	4.551	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.775	70	65214	4.540	ng/ul	98
19) Hexachloroethane	9.022	117	34201	4.766	ng/ul	94
22) Nitrobenzene	9.199	77	96004	4.629	ng/ul	96
23) Isophorone	9.710	82	176273	4.535	ng/ul	97
25) 2-Nitrophenol	9.899	139	40003	4.233	ng/ul	94
26) 2,4-Dimethylphenol	9.940	107	92688	4.813	ng/ul	95
27) Bis(2-Chloroethoxy)met...	10.199	93	119860	4.920	ng/ul	98
29) 2,4-Dichlorophenol	10.422	162	78421	4.711	ng/ul	97
30) Naphthalene	10.834	128	283107	4.919	ng/ul	100
33) Hexachlorobutadiene	11.063	225	55611	4.920	ng/ul	98
35) 4-Chloro-3-methylphenol	12.069	107	79515	4.415	ng/ul	96
36) 2-Methylnaphthalene	12.440	142	183912	4.735	ng/ul	98
37) 1-Methylnaphthalene	12.657	142	186746	4.750	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.787	216	102042	4.705	ng/ul	99
41) 2,4,6-Trichlorophenol	13.046	196	60877	4.418	ng/ul	97
42) 2,4,5-Trichlorophenol	13.110	196	64477	4.402	ng/ul	95
43) 1,1'-Biphenyl	13.446	154	256136	4.905	ng/ul	98
44) 2-Chloronaphthalene	13.493	162	201363	4.856	ng/ul	99
45) 2-Nitroaniline	13.734	65	44025	3.920	ng/ul	97
47) Dimethylphthalate	14.075	163	253255	4.814	ng/ul	100
48) 2,6-Dinitrotoluene	14.222	165	36998m	3.848	ng/ul	

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
50) Acenaphthylene	14.346	152	318323	4.686	ng/ul	100
52) Acenaphthene	14.681	153	219382	4.881	ng/ul	98
56) Dibenzofuran	15.016	168	308196	4.962	ng/ul	100
57) 2,4-Dinitrotoluene	15.004	165	55981	3.909	ng/ul#	85
58) 2,3,4,6-Tetrachlorophenol	15.234	232	56158	4.370	ng/ul#	99
59) Diethylphthalate	15.434	149	245186	4.721	ng/ul	100
61) Fluorene	15.669	166	254459	4.955	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.657	204	129594	4.963	ng/ul	98
67) N-Nitrosodiphenylamine	15.887	169	206287	4.799	ng/ul	99
68) 4-Bromophenyl-phenylether	16.563	248	73637	4.672	ng/ul	98
69) Hexachlorobenzene	16.645	284	89605	4.804	ng/ul	97
72) Phenanthrene	17.428	178	406608	4.894	ng/ul	99
74) Anthracene	17.522	178	403196	4.791	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.399	216	107832	4.717	ng/uL	99
76) Pentachlorobenzene	14.910	250	99621	4.803	ng/uL	95
78) Di-n-butylphthalate	18.316	149	359589	4.271	ng/ul	98
80) Fluoranthene	19.392	202	448657	4.797	ng/ul	98
82) Pyrene	19.751	202	486065	4.918	ng/ul	98
83) Butylbenzylphthalate	20.616	149	144028	4.086	ng/ul	96
85) Benzo(a)anthracene	21.469	228	472186	4.726	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.345	149	196783	3.977	ng/ul	99
87) Chrysene	21.522	228	447919	4.820	ng/ul	99
90) Benzo(b)fluoranthene	23.222	252	424310	4.669	ng/ul	99
91) Benzo(k)fluoranthene	23.274	252	423906	4.692	ng/ul	98
93) Benzo(a)pyrene	23.898	252	385646	4.574	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.686	276	413567	4.430	ng/ul	98
95) Dibenzo(a,h)anthracene	26.710	278	344980	4.399	ng/ul	98
96) Benzo(g,h,i)perylene	27.521	276	325152	4.504	ng/ul	99

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

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