Quantitation Report (Qedit)

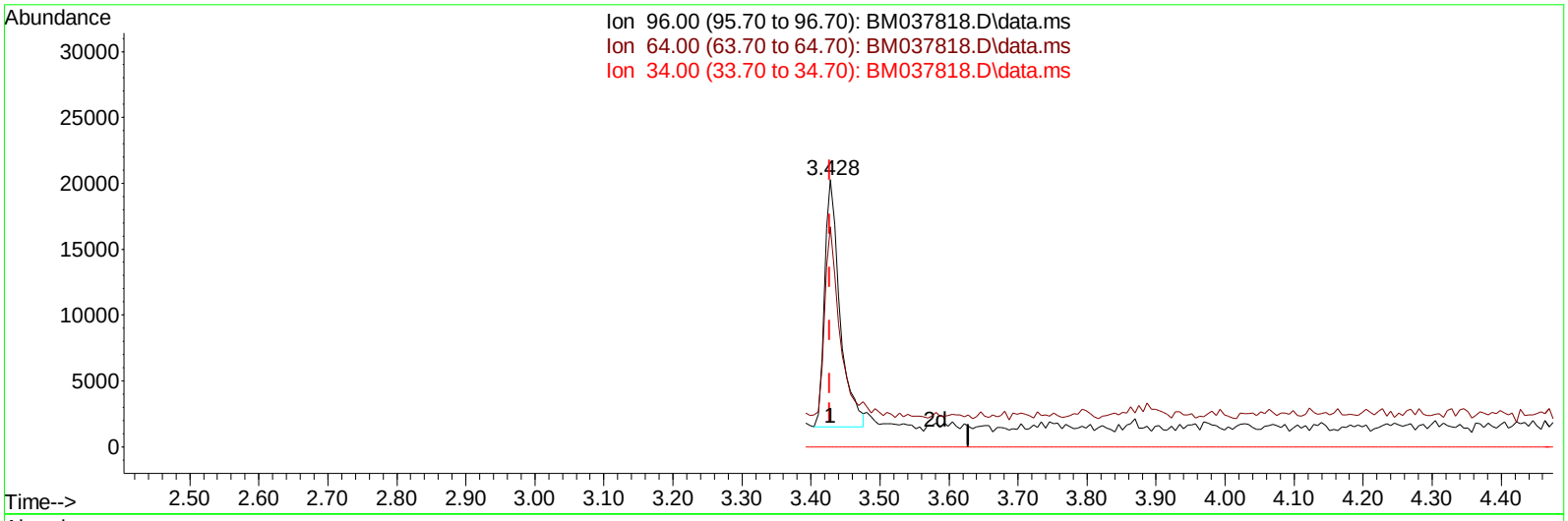
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120122\
Data File : BM037818.D
Acq On : 01 Dec 2022 20:06
Operator : CG/JU
Sample : SSTDICV020
Misc :
ALS Vial : 8 Sample Multiplier: 1

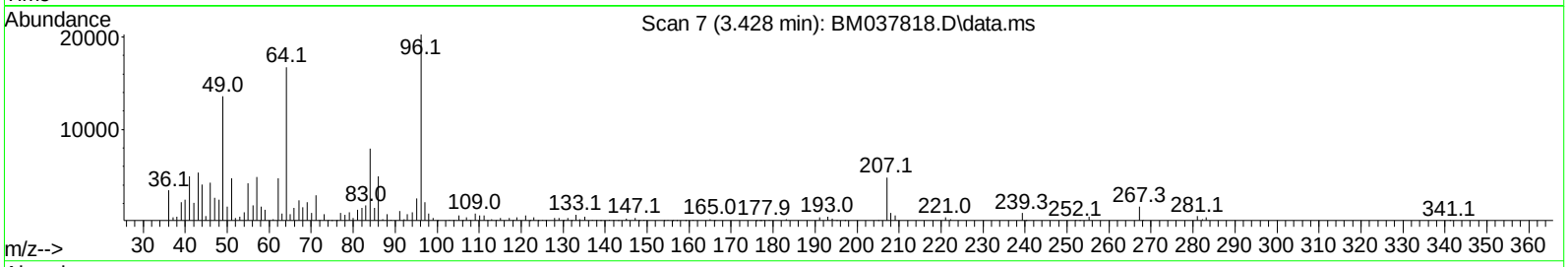
Quant Time: Dec 02 01:18:46 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120122.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 02 01:14:59 2022
Response via : Initial Calibration

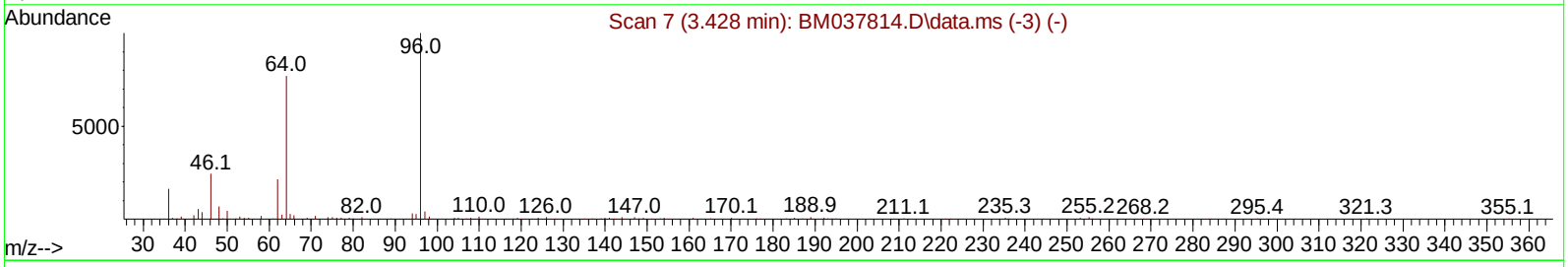
Instrument :
BNA_M
ClientSampleId :
SICV004

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 12/07/2022
Supervised By :mohammad ahmed 12/08/2022







TIC: BM037818.D\data.ms

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

3.428min (+ 0.000) 7.16 ng/uL

response 28992

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	82.40	82.51
34.00	0.00	0.00
0.00	0.00	0.00

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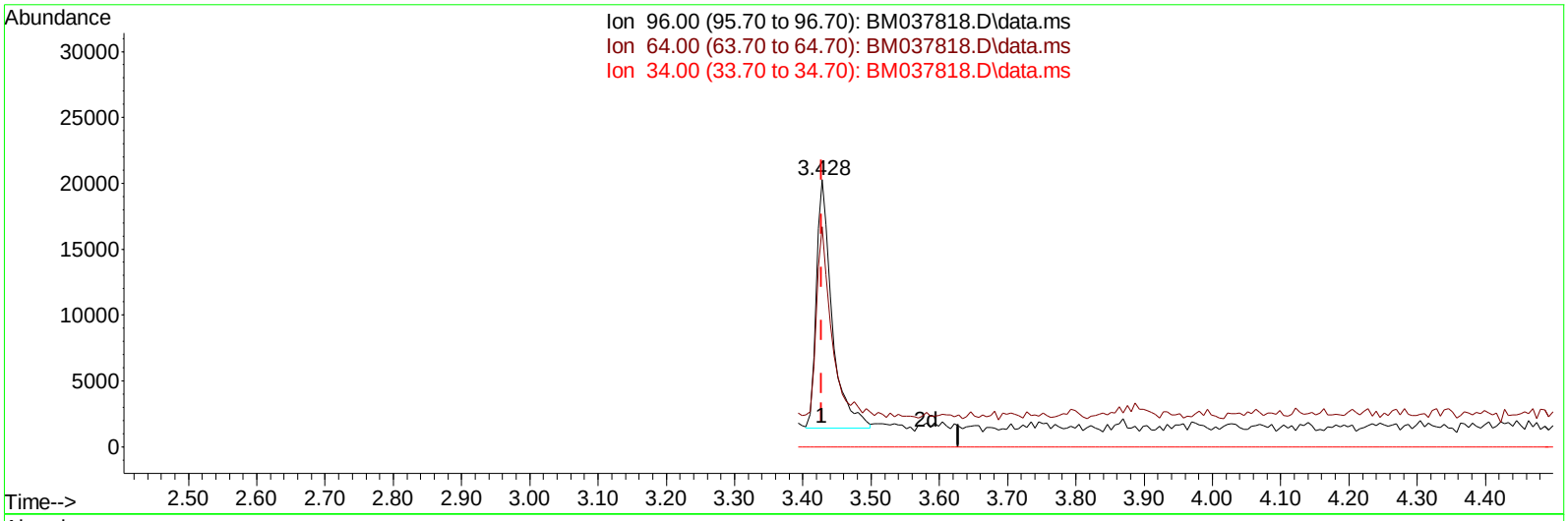

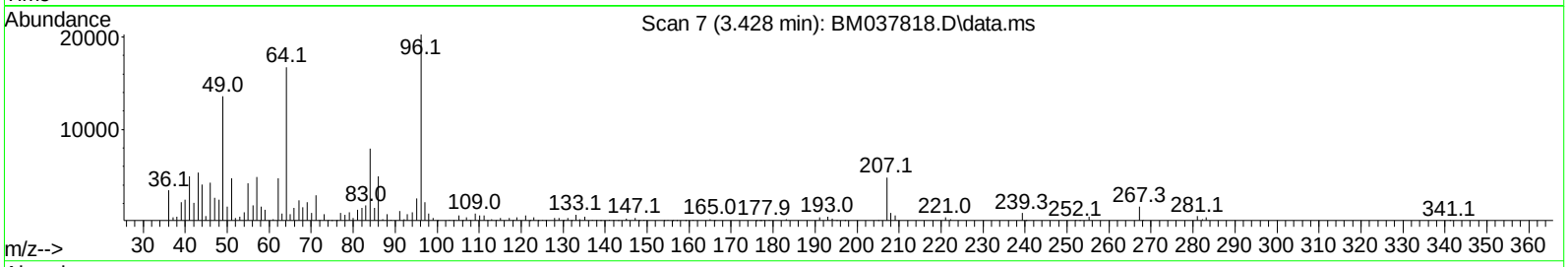

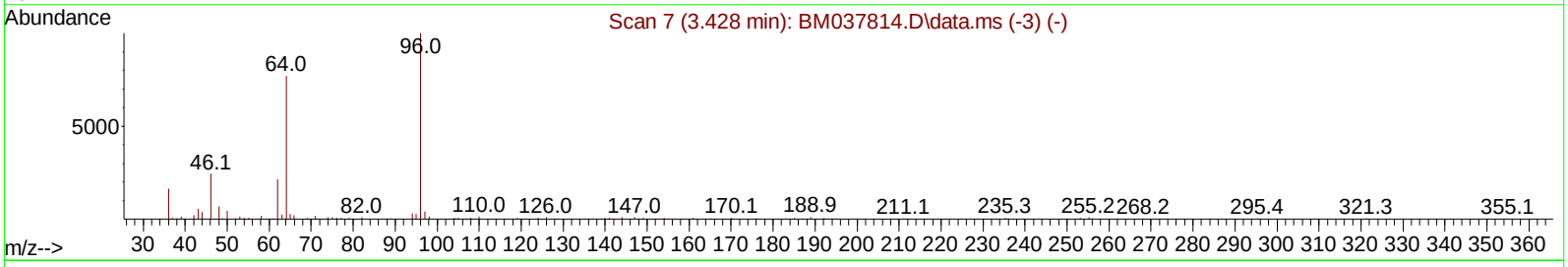

TIC: BM037818.D\data.ms

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

3.428min (+ 0.000) 7.50 ng/uL m

response 30342

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	82.40	82.51
34.00	0.00	0.00
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	8.098	152	189911	20.000	ng/ul	0.00
20) Naphthalene-d8	10.916	136	870662	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.721	164	588244	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.462	188	1296968	20.000	ng/ul	0.00
79) Chrysene-d12	21.627	240	1371732	20.000	ng/ul	0.00
88) Perylene-d12	24.109	264	1432722	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.428	96	30342m	7.496	ng/uL	0.00
4) Pyridine-d5	3.869	84	223846	17.098	ng/ul	0.00
7) Phenol-d5	7.245	99	326242	19.067	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.416	67	218133	21.852	ng/ul	0.00
11) 2-Chlorophenol-d4	7.622	132	262286	20.275	ng/ul	0.00
15) 4-Methylphenol-d8	8.804	113	269642	19.817	ng/ul	0.00
21) Nitrobenzene-d5	9.269	128	146546	21.189	ng/ul	0.00
24) 2-Nitrophenol-d4	9.992	143	153563	21.457	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.534	165	283029	21.324	ng/ul	0.00
31) 4-Chloroaniline-d4	11.051	131	413756	20.324	ng/ul	0.00
46) Dimethylphthalate-d6	14.133	166	858637	21.257	ng/ul	0.00
49) Acenaphthylene-d8	14.421	160	1041365	21.198	ng/ul	0.00
54) 4-Nitrophenol-d4	14.910	143	177136	21.127	ng/ul	0.00
60) Fluorene-d10	15.710	176	782264	21.346	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.821	200	137613	20.142	ng/ul	0.00
73) Anthracene-d10	17.562	188	1257301	21.080	ng/ul	0.00
81) Pyrene-d10	19.839	212	1463289	20.594	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.950	264	1512054	21.067	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.463	88	30183	6.958	ng/uL	96
5) Pyridine	3.887	79	214038	16.674	ng/ul	97
6) Benzaldehyde	7.228	77	209217	25.390	ng/ul	99
8) Phenol	7.275	94	320020	18.302	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.510	93	262093	18.789	ng/ul	99
12) 2-Chlorophenol	7.657	128	269292	19.340	ng/ul	98
13) 2-Methylphenol	8.540	108	255070	18.292	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.628	45	501435	19.346	ng/ul	100
16) Acetophenone	8.928	105	422968	19.707	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.910	70	216181	19.996	ng/ul	96
18) 4-Methylphenol	8.869	108	283127	18.818	ng/ul	99
19) Hexachloroethane	9.187	117	105811	19.895	ng/ul	100
22) Nitrobenzene	9.310	77	290548	20.046	ng/ul	98
23) Isophorone	9.839	82	617071	19.788	ng/ul	100
25) 2-Nitrophenol	10.028	139	160213	20.658	ng/ul	97
26) 2,4-Dimethylphenol	10.081	107	299424	20.085	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.322	93	376166	19.976	ng/ul	98
29) 2,4-Dichlorophenol	10.557	162	275392	20.513	ng/ul	95
30) Naphthalene	10.969	128	932678	19.738	ng/ul	100
32) 4-Chloroaniline	11.075	127	412508	20.023	ng/ul	98
33) Hexachlorobutadiene	11.251	225	167453	20.137	ng/ul	97
34) Caprolactam	11.857	113	95278	19.544	ng/ul	81
35) 4-Chloro-3-methylphenol	12.186	107	289859	20.690	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.563	142	671282	20.534	ng/ul	99
37) 1-Methylnaphthalene	12.780	142	644077	19.685	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.927	216	336922	19.999	ng/ul	99
40) Hexachlorocyclopentadiene	12.910	237	202352	21.842	ng/ul	97
41) 2,4,6-Trichlorophenol	13.163	196	229202	20.840	ng/ul	99
42) 2,4,5-Trichlorophenol	13.233	196	245841	20.988	ng/ul	99
43) 1,1'-Biphenyl	13.563	154	885625	20.712	ng/ul	99
44) 2-Chloronaphthalene	13.610	162	670676	19.988	ng/ul	98
45) 2-Nitroaniline	13.810	65	198034	20.859	ng/ul	98
47) Dimethylphthalate	14.180	163	843964	20.060	ng/ul	99
48) 2,6-Dinitrotoluene	14.298	165	181903	21.176	ng/ul	96
50) Acenaphthylene	14.451	152	1112522	20.426	ng/ul	100
51) 3-Nitroaniline	14.627	138	215186	20.988	ng/ul	97
52) Acenaphthene	14.786	153	755063	20.006	ng/ul	99
53) 2,4-Dinitrophenol	14.827	184	91067	18.152	ng/ul	96
55) 4-Nitrophenol	14.921	109	103435	20.015	ng/ul	95
56) Dibenzofuran	15.121	168	1061516	20.890	ng/ul	98
57) 2,4-Dinitrotoluene	15.080	165	248793	20.738	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.339	232	219239	21.279	ng/ul	97
59) Diethylphthalate	15.533	149	866469	20.082	ng/ul	99
61) Fluorene	15.768	166	885822	20.707	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.757	204	422161	20.700	ng/ul	99
63) 4-Nitroaniline	15.786	138	233014	22.590	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.839	198	136493	19.380	ng/ul	98
67) N-Nitrosodiphenylamine	15.968	169	751602	20.109	ng/ul	99
68) 4-Bromophenyl-phenylether	16.651	248	263596	19.805	ng/ul	100
69) Hexachlorobenzene	16.768	284	315481	20.298	ng/ul	98
70) Atrazine	16.915	200	254773	19.793	ng/ul	99
71) Pentachlorophenol	17.110	266	192916	20.181	ng/ul	98
72) Phenanthrene	17.504	178	1406474	20.009	ng/ul	100
74) Anthracene	17.598	178	1426982	19.900	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.533	216	322900	18.465	ng/uL	99
76) Pentachlorobenzene	15.039	250	340789	17.913	ng/uL	100
77) Carbazole	17.862	167	1371480	20.783	ng/ul	100
78) Di-n-butylphthalate	18.415	149	1628277	19.626	ng/ul	99
80) Fluoranthene	19.509	202	1692188	19.497	ng/ul	97
82) Pyrene	19.868	202	1759948	19.639	ng/ul	100
83) Butylbenzylphthalate	20.750	149	746779	19.113	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.539	252	689002	23.976	ng/ul	99
85) Benzo(a)anthracene	21.609	228	1777609	20.254	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.521	149	1149686	19.473	ng/ul	99
87) Chrysene	21.668	228	1662803	20.354	ng/ul	99
89) Di-n-octyl phthalate	22.474	149	1977265	19.177	ng/ul	100
90) Benzo(b)fluoranthene	23.350	252	1838581	19.983	ng/ul	99
91) Benzo(k)fluoranthene	23.403	252	1788853	20.154	ng/ul	99
93) Benzo(a)pyrene	24.003	252	1613514	20.222	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.715	276	1906382	21.252	ng/ul	98
95) Dibenzo(a,h)anthracene	26.727	278	1688356	20.680	ng/ul	99
96) Benzo(g,h,i)perylene	27.515	276	1610865	20.578	ng/ul	99

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

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