Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072722\
Data File : VU049959.D
Acq On : 27 Jul 2022 20:39
Operator : SY/MD
Sample : N3873-09
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Jul 28 03:49:06 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR072722WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Jul 28 03:41:29 2022
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
GBJ33

Manual Integrations APPROVED

Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	100589	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	97675	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	43721	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	45256	5.240	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 104.800%			
7) Chloroethane-d5	1.912	69	34057	5.490	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 109.800%			
11) 1,1-Dichloroethene-d2	2.562	65	17812	5.984	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 119.600%			
20) 2-Butanone-d5	4.655	46	106434	55.361	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 110.720%			
24) Chloroform-d	5.063	84	69963	4.895	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 98.000%			
26) 1,2-Dichloroethane-d4	5.706	65	35879	4.982	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 99.600%			
32) Benzene-d6	5.722	84	148030	5.129	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 102.600%			
36) 1,2-Dichloropropane-d6	6.693	67	47388	5.012	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 100.200%			
41) Toluene-d8	7.896	98	121622	4.741	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 94.800%			
43) trans-1,3-Dichloroprop...	8.182	79	17113	5.164	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 103.200%			
46) 2-Hexanone-d5	8.642	63	63648	51.305	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 102.620%			
56) 1,1,2,2-Tetrachloroeth...	10.758	84	42536	5.354	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 107.000%			
66) 1,2-Dichlorobenzene-d4	12.192	152	43485	5.362	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 107.200%			
Target Compounds						Qvalue
3) Chloromethane	1.520	50	35689	3.880	ug/L	97
6) Bromomethane	1.854	94	17359	3.627	ug/L	99
9) Trichlorofluoromethane	2.134	101	88614	8.702	ug/L	99
12) 1,1-Dichloroethene	2.575	96	23560	4.244	ug/L #	73
13) Acetone	2.645	43	86469m	63.988	ug/L	
14) Carbon disulfide	2.784	76	97968	5.809	ug/L	100
16) Methylene chloride	3.041	84	23731	2.780	ug/L	97
17) Methyl tert-butyl Ether	3.372	73	167390	10.786	ug/L	99
19) 1,1-Dichloroethane	3.861	63	125990	10.065	ug/L	98
21) 2-Butanone	4.735	43	234566	120.518	ug/L	89
27) 1,2-Dichloroethane	5.796	62	65148	8.322	ug/L	99
29) 1,1,1-Trichloroethane	5.311	97	100019	9.643	ug/L	99
30) Cyclohexane	5.382	56	118290	13.512	ug/L	100
34) Trichloroethene	6.539	95	41503	5.989	ug/L	95
35) Methylcyclohexane	6.758	83	69162	7.567	ug/L	98
37) 1,2-Dichloropropane	6.793	63	18649	2.374	ug/L	99
42) Toluene	7.970	91	275416	9.501	ug/L	98
47) Tetrachloroethene	8.552	164	49394	9.904	ug/L	94
48) 2-Hexanone	8.693	43	214419	61.963	ug/L	99

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50) 1,2-Dibromoethane	8.925	107	94620	18.152	ug/L	96
51) Chlorobenzene	9.446	112	220191	11.966	ug/L	99
52) Ethylbenzene	9.571	91	219362	7.725	ug/L	98
53) m,p-Xylene	9.697	106	165921	15.345	ug/L	99
54) o-Xylene	10.102	106	66173	6.312	ug/L	96
55) Styrene	10.115	104	114199	6.396	ug/L	98
59) Bromoform	10.291	173	21574	6.139	ug/L	100
60) Isopropylbenzene	10.484	105	104385	4.041	ug/L	99
65) 1,4-Dichlorobenzene	11.838	146	58941	4.817	ug/L	96
67) 1,2-Dichlorobenzene	12.214	146	173015	14.081	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.999	75	5053	5.038	ug/L	94
72) 1,2,3-Trichlorobenzene	14.330	180	82630	11.705	ug/L	98

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

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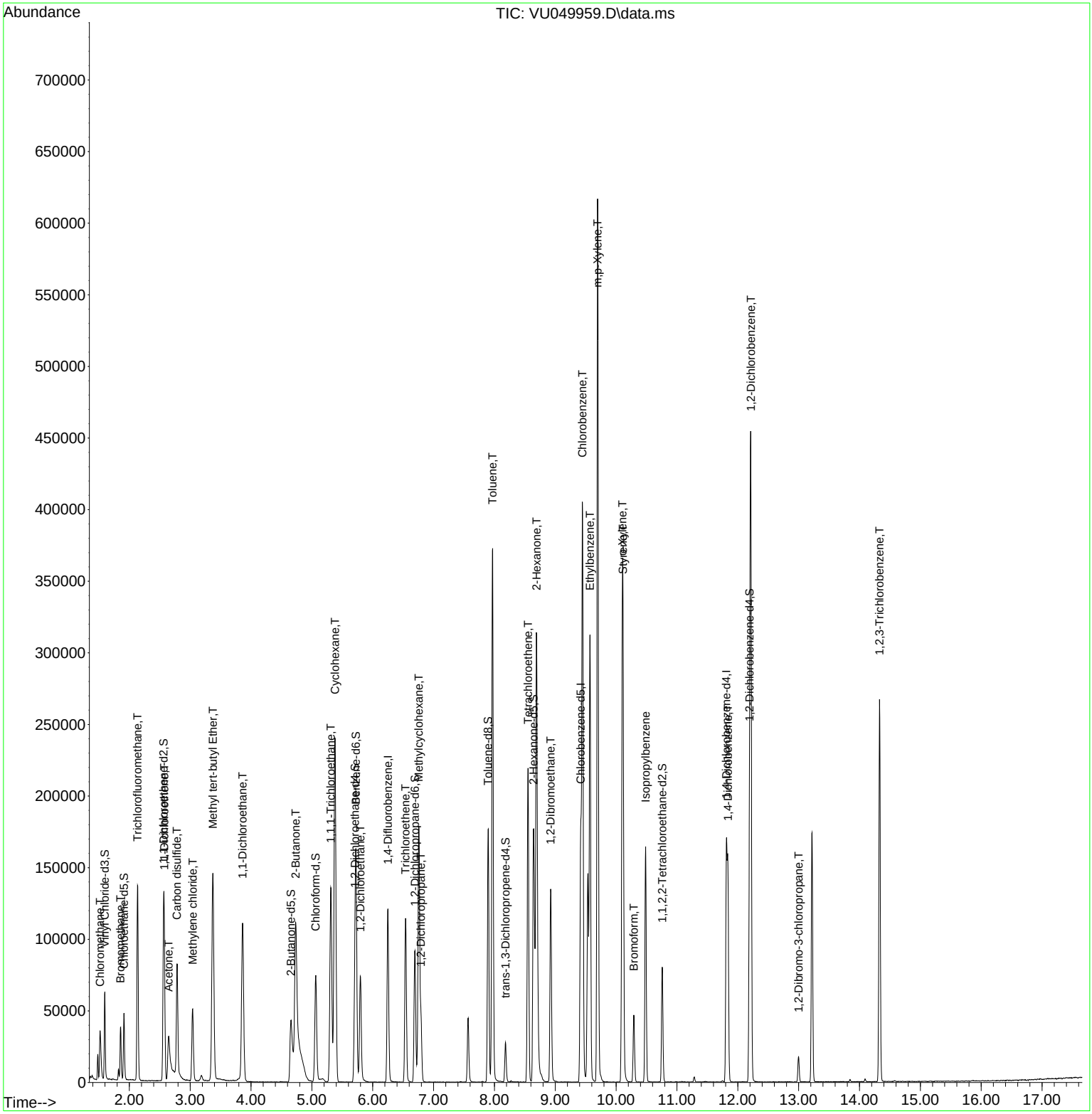
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