Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW090723\
Data File : VW026999.D
Acq On : 07 Sep 2023 13:00
Operator : SY/MD
Sample : 04330-02
Misc : 5.45g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 08 01:33:43 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM090523SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Sep 08 01:32:52 2023
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
EZYG3

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	630862	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	459646	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	132080	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	175151	15.540	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 62.160%			
7) Chloroethane-d5	2.899	69	158909	17.470	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 69.880%			
11) 1,1-Dichloroethene-d2	4.021	65	64194	15.455	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 61.800%			
21) 2-Butanone-d5	7.075	46	121505	55.950	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 111.900%			
24) Chloroform-d	7.654	84	347689	18.521	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 74.080%			
26) 1,2-Dichloroethane-d4	8.307	65	192338	19.493	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 77.960%			
32) Benzene-d6	8.276	84	705852	23.412	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 93.640%			
36) 1,2-Dichloropropane-d6	9.276	67	233651	26.398	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 105.600%			
41) Toluene-d8	10.325	98	503676	18.452	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 73.800%			
43) trans-1,3-Dichloroprop...	10.581	79	75177	21.887	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 87.560%			
47) 2-Hexanone-d5	10.922	63	60824	73.608	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 147.220%#			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	164185	23.903	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 95.600%			
66) 1,2-Dichlorobenzene-d4	13.854	152	97232	21.285	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 85.120%			
Target Compounds						Qvalue
13) Acetone	4.118	43	59365	31.220	ug/L	94
14) Carbon disulfide	4.387	76	160650	5.619	ug/L	100
22) 2-Butanone	7.179	43	19596	6.405	ug/L	85
25) Chloroform	7.685	83	17195	0.953	ug/L	99
29) Cyclohexane	7.929	56	50562	4.219	ug/L #	68
33) Benzene	8.319	78	72296	2.300	ug/L	100
35) Methylcyclohexane	9.337	83	35926m	2.618	ug/L	
42) Toluene	10.386	91	545324	16.857	ug/L	97
52) Ethylbenzene	11.727	91	130349	3.635	ug/L	97
53) m,p-Xylene	11.837	106	264897	19.527	ug/L	91
54) o-Xylene	12.160	106	235823	18.578	ug/L	93
60) Isopropylbenzene	12.464	105	39678m	2.193	ug/L	
62) 1,3,5-Trimethylbenzene	12.940	105	298771	20.693	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	589368	41.753	ug/L	99

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

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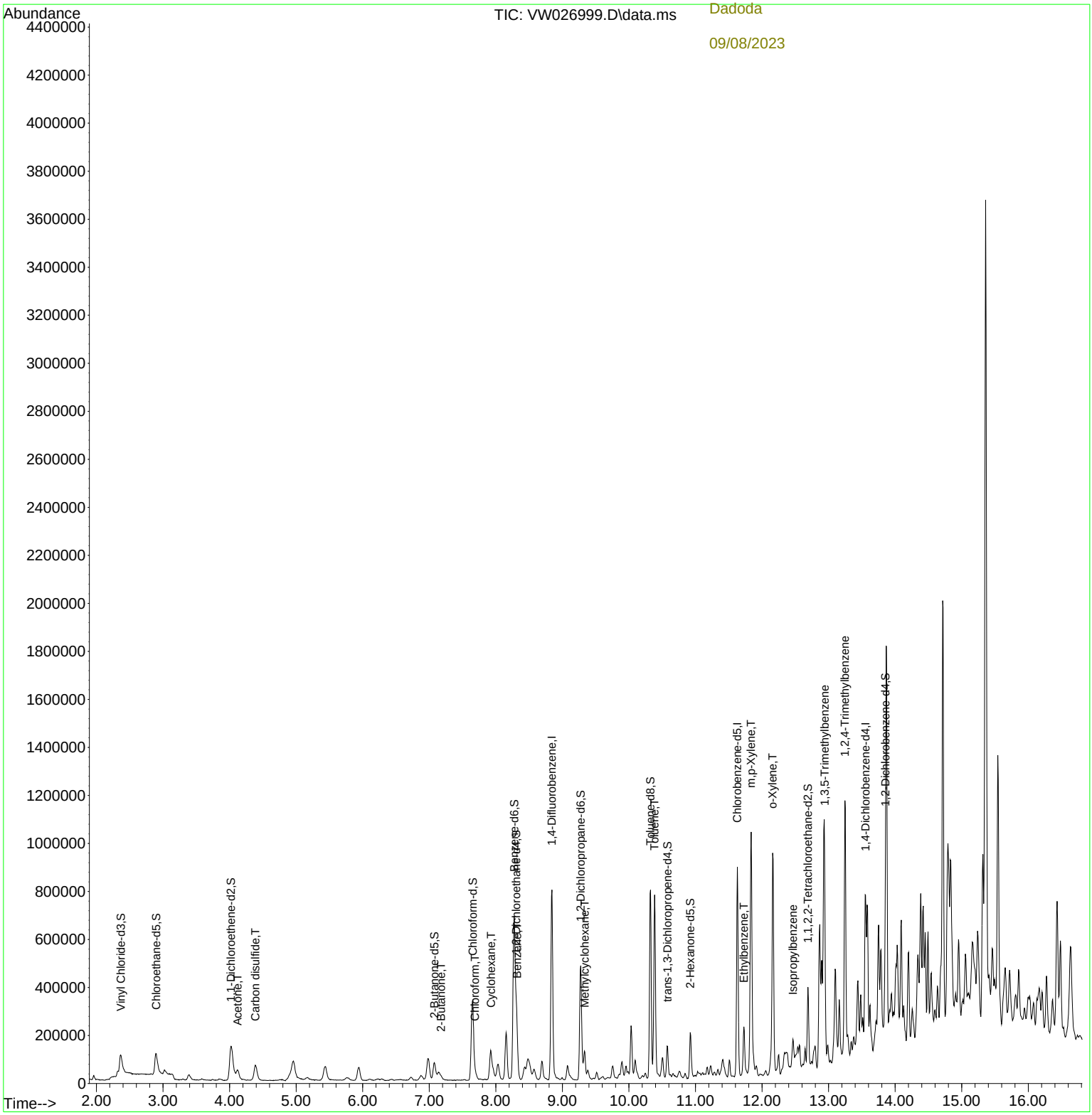
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