Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102323\
Data File : VW027404.D
Acq On : 23 Oct 2023 18:50
Operator : SY/MD
Sample : VSTDCCC025EC
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Oct 24 00:52:14 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101123SMA.M
Quant Title : SFAM01.0
QLast Update : Sat Oct 21 04:25:20 2023
Response via : Initial Calibration

Instrument :
MSVOA_W
LabSampleId :
VSTDCCC025EC

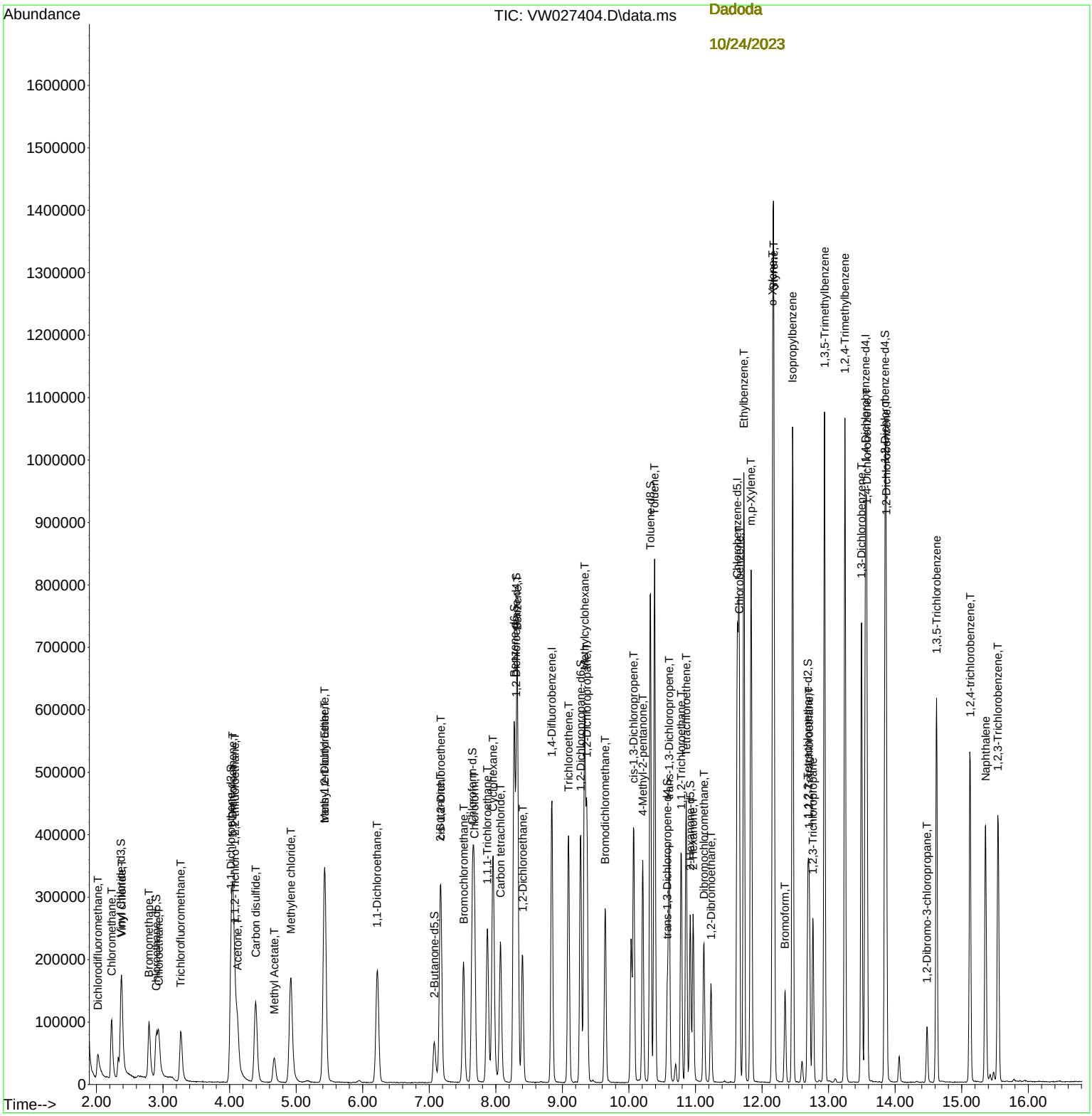
Manual IntegrationsAPPROVED

Reviewed By :Semsettin Yesilyurt

10/24/2023

Supervised By :Mahesh Dadoda

10/24/2023



Quantitation Report (Qedit)

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10/24/2023
Supervised By :Mahesh Daddoda
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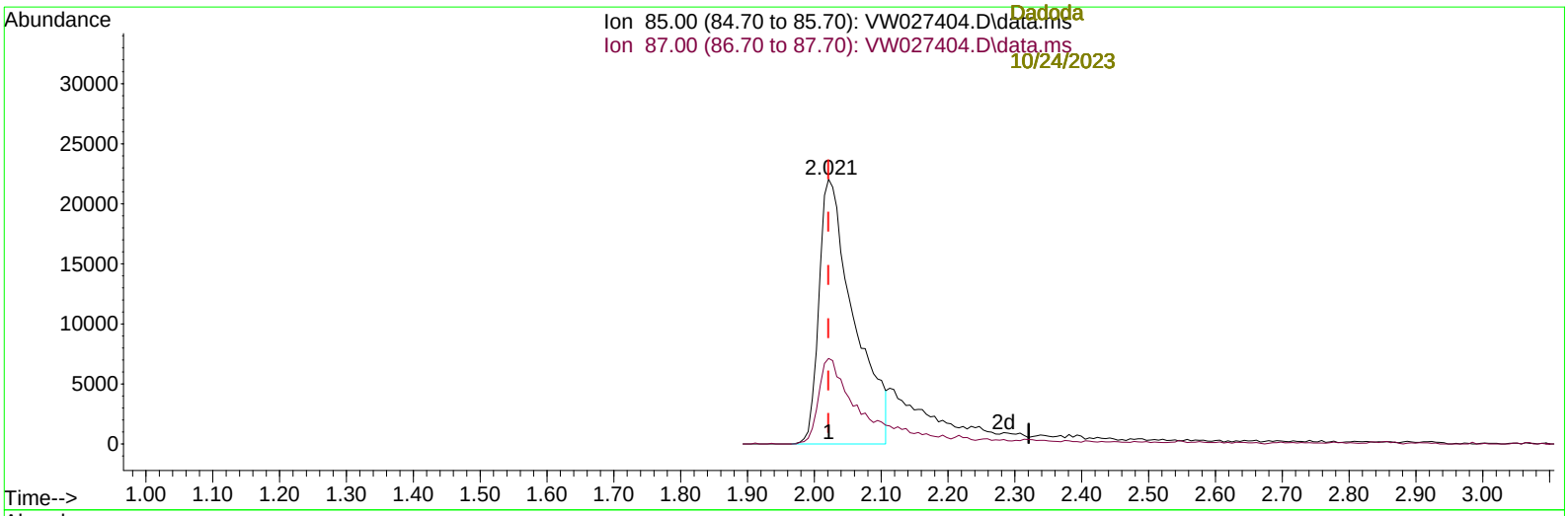

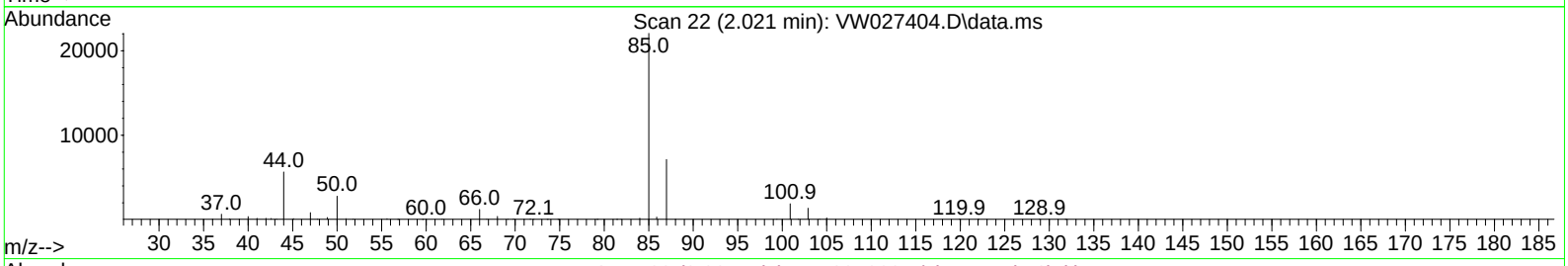

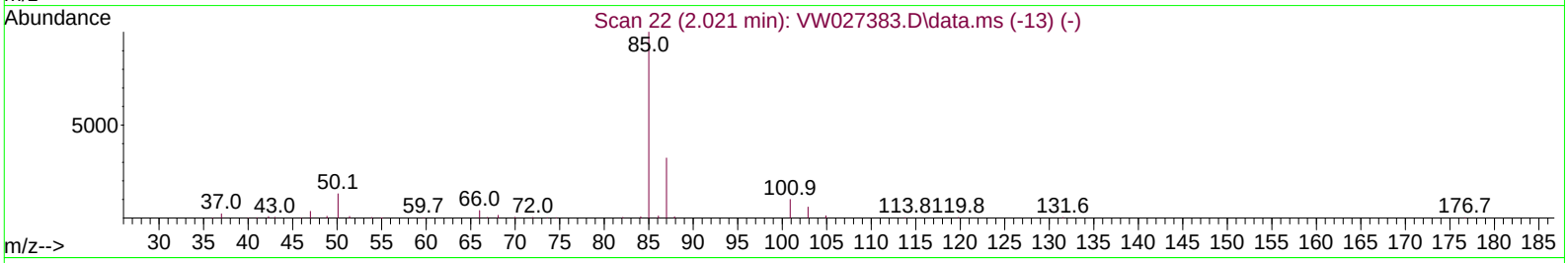

TIC: VW027404.D\data.ms

(2) Dichlorodifluoromethane (T)

2.021min (+ 0.000) 17.73 ug/L

response 79539

Ion	Exp%	Act%
85.00	100.00	100.00
87.00	22.90	29.99#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

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Instrument :
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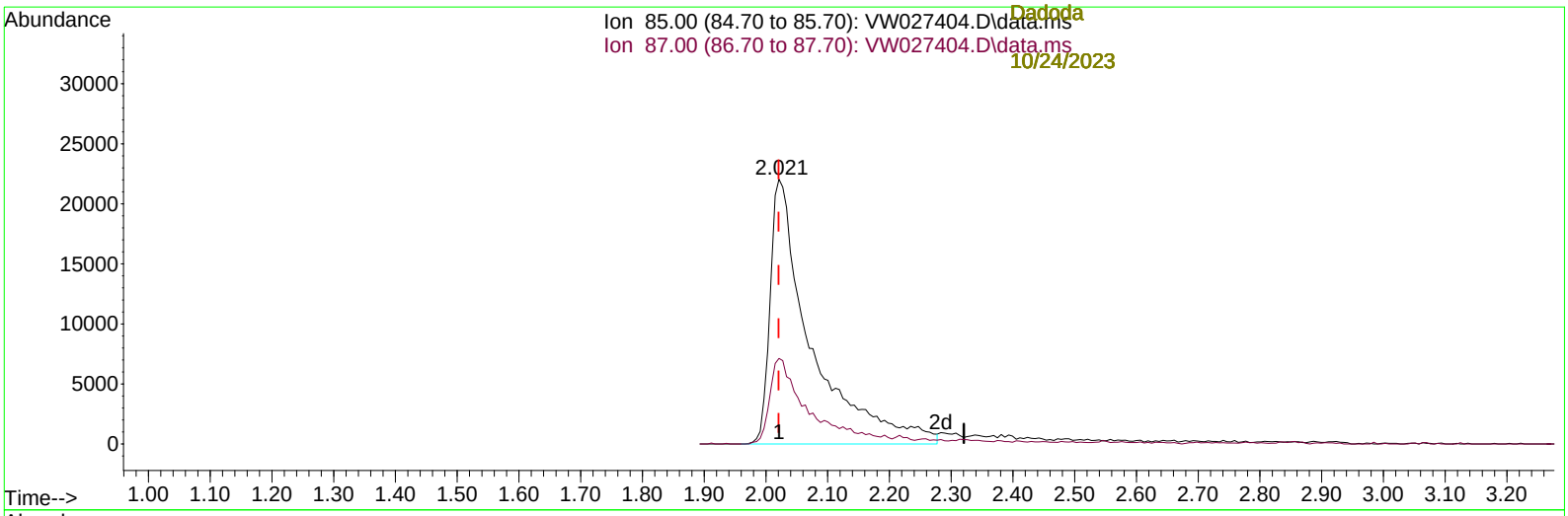

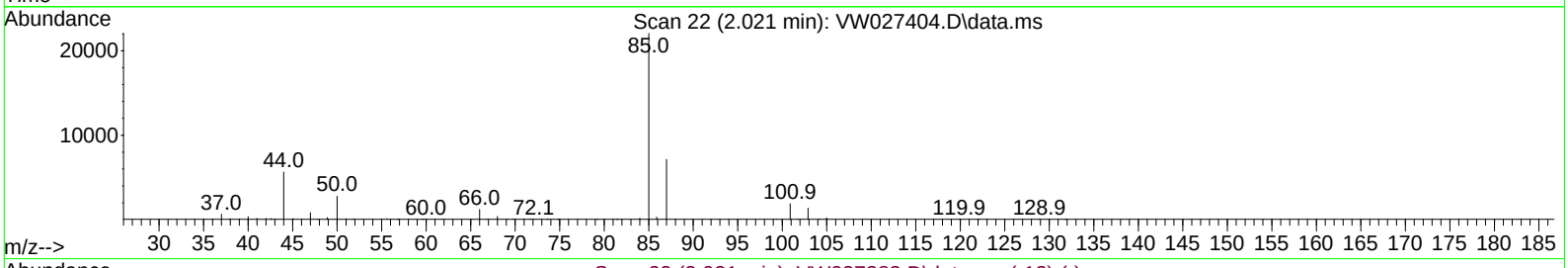

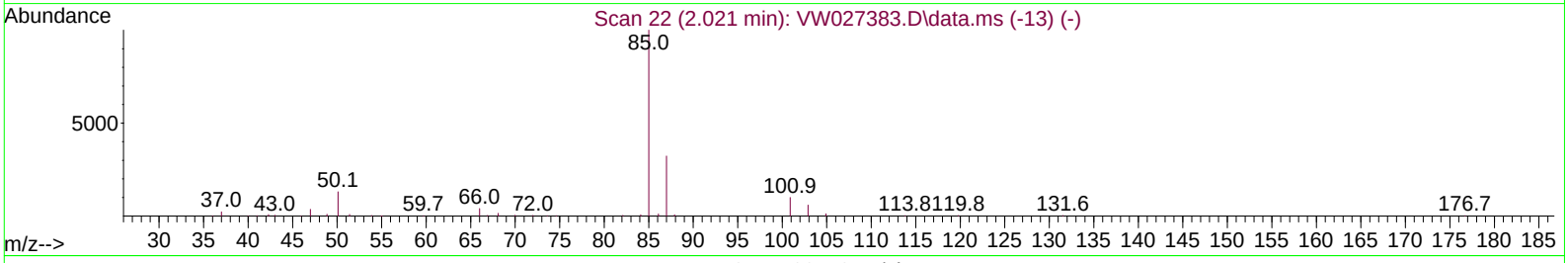

TIC: VW027404.D\data.ms

(2) Dichlorodifluoromethane (T)

2.021min (+ 0.000) 22.66 ug/L m

response 101694

Ion	Exp%	Act%
85.00	100.00	100.00
87.00	22.90	23.46
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Manual IntegrationsAPPROVED

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10/24/2023

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) 1,4-Difluorobenzene	8.843	114	377112	25.000 ug/L	0.00
28) Chlorobenzene-d5	11.629	117	346457	25.000 ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	181929	25.000 ug/L	0.00
System Monitoring Compounds					
4) Vinyl Chloride-d3	2.369	65	125671	21.836 ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 87.360%		
7) Chloroethane-d5	2.899	69	105436	25.514 ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 102.040%		
11) 1,1-Dichloroethene-d2	4.021	65	63550	22.037 ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 88.160%		
21) 2-Butanone-d5	7.075	46	116025	60.653 ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 121.300%		
24) Chloroform-d	7.648	84	296261	26.358 ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 105.440%		
26) 1,2-Dichloroethane-d4	8.307	65	166644	27.600 ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 110.400%		
32) Benzene-d6	8.276	84	591770	25.246 ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 101.000%		
36) 1,2-Dichloropropane-d6	9.276	67	193556	27.035 ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 108.120%		
41) Toluene-d8	10.325	98	514981	24.227 ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 96.920%		
43) trans-1,3-Dichloroprop...	10.575	79	78960	24.189 ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 96.760%		
47) 2-Hexanone-d5	10.922	63	88604	59.816 ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 119.640%		
56) 1,1,2,2-Tetrachloroeth...	12.690	84	161261	30.189 ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 120.760%#		
66) 1,2-Dichlorobenzene-d4	13.848	152	166225	25.213 ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 100.840%		
Target Compounds					Qvalue
2) Dichlorodifluoromethane	2.021	85	101694m	22.664 ug/L	
3) Chloromethane	2.229	50	124107	24.068 ug/L	99
5) Vinyl chloride	2.381	62	133976	23.260 ug/L	100
6) Bromomethane	2.789	94	78293	23.864 ug/L	97
8) Chloroethane	2.936	64	80538	24.291 ug/L	95
9) Trichlorofluoromethane	3.265	101	96882	23.841 ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.082	101	119544	23.493 ug/L	98
12) 1,1-Dichloroethene	4.045	96	113884	23.030 ug/L	97
13) Acetone	4.118	43	89620	54.242 ug/L	99
14) Carbon disulfide	4.393	76	311957	20.349 ug/L	99
15) Methyl Acetate	4.673	43	80848	28.650 ug/L	98
16) Methylene chloride	4.923	84	136704	19.804 ug/L	100
17) trans-1,2-Dichloroethene	5.429	96	123682	23.272 ug/L	98
18) Methyl tert-butyl Ether	5.429	73	240612	26.241 ug/L	99
19) 1,1-Dichloroethane	6.216	63	275403	25.399 ug/L	96
20) cis-1,2-Dichloroethene	7.173	96	148387	24.724 ug/L	95
22) 2-Butanone	7.167	43	120467	48.712 ug/L	98
23) Bromochloromethane	7.520	128	62782	25.337 ug/L	99
25) Chloroform	7.679	83	262500	25.866 ug/L	99

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Manual IntegrationsAPPROVED

Reviewed By :Semsettin Yesilyurt
10/24/2023
Supervised By :Mahesh Dadoda
10/24/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.404	62	185520	26.912	ug/L	98
29) Cyclohexane	7.959	56	229917	21.857	ug/L	98
30) 1,1,1-Trichloroethane	7.874	97	202973	24.017	ug/L	98
31) Carbon tetrachloride	8.069	117	167832	22.024	ug/L	99
33) Benzene	8.325	78	565906	24.993	ug/L	100
34) Trichloroethene	9.093	95	144747	24.201	ug/L	97
35) Methylcyclohexane	9.337	83	231499	21.644	ug/L	98
37) 1,2-Dichloropropane	9.367	63	162757	26.585	ug/L	99
38) Bromodichloromethane	9.642	83	194208	25.798	ug/L	95
39) cis-1,3-Dichloropropene	10.069	75	243085	24.037	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	243800	57.906	ug/L	98
42) Toluene	10.386	91	585092	24.633	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	205425	24.074	ug/L	98
45) 1,1,2-Trichloroethane	10.788	97	116145	27.569	ug/L	96
46) Tetrachloroethene	10.861	164	92654	22.435	ug/L	92
48) 2-Hexanone	10.965	43	173531	55.686	ug/L	98
49) Dibromochloromethane	11.129	129	115176	24.617	ug/L	91
50) 1,2-Dibromoethane	11.233	107	104903	25.683	ug/L	99
51) Chlorobenzene	11.660	112	374358	25.169	ug/L	94
52) Ethylbenzene	11.727	91	672863	24.378	ug/L	96
53) m,p-Xylene	11.837	106	246608	23.556	ug/L	94
54) o-Xylene	12.160	106	249571	24.894	ug/L	98
55) Styrene	12.178	104	431317	25.191	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.708	83	142668	27.741	ug/L	99
59) Bromoform	12.343	173	64719	23.907	ug/L	97
60) Isopropylbenzene	12.458	105	668542	23.392	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	109271	27.508	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	572878	24.030	ug/L	94
63) 1,2,4-Trimethylbenzene	13.245	105	550983	23.622	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	275502	23.771	ug/L	99
65) 1,4-Dichlorobenzene	13.574	146	285344	24.654	ug/L	98
67) 1,2-Dichlorobenzene	13.867	146	265518	25.818	ug/L	92
68) 1,2-Dibromo-3-chloropr...	14.476	75	24460	24.637	ug/L	93
69) 1,3,5-Trichlorobenzene	14.623	180	174744	23.226	ug/L	97
70) 1,2,4-trichlorobenzene	15.129	180	152317	23.786	ug/L	99
71) Naphthalene	15.360	128	339537	25.784	ug/L	99
72) 1,2,3-Trichlorobenzene	15.543	180	135975	25.823	ug/L	95

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