

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL031025\
 Data File : VL042137.D
 Acq On : 10 Mar 2025 21:38
 Operator : SY/MD
 Sample : Q1533-03 4X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV2

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 03/11/2025
 Supervised By :Mahesh Dadoda 03/11/2025

Quant Time: Mar 11 01:32:09 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL022525AIR.M

Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 2

QLast Update : Wed Feb 26 01:08:36 2025

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Bromochloromethane	2.800	49	157696	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.978	114	369982	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.898	117	340317	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 10.390 95 289970 11.075 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 110.800%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.502	85	2295	0.140	ppbv	96
4) Chloromethane	1.538	50	2456	0.405	ppbv	99
9) Propene	1.493	41	9511m	1.019	ppbv	
13) Ethanol	1.729	45	716267	1208.441	ppbv	93
15) Acetone	1.842	43	134002	9.622	ppbv	99
17) tert-Butyl alcohol	2.053	59	3033	0.174	ppbv #	93
19) Isopropyl Alcohol	1.894	45	1548394	193.561	ppbv #	33
20) Methylene Chloride	2.069	84	7260	1.378	ppbv	96
26) Hexane	2.839	57	7486	0.332	ppbv #	38
34) 2-Butanone	2.570	43	7508	0.260	ppbv	96
38) Trichloroethene	4.571	130	1260m	0.080	ppbv	
41) Tetrahydrofuran	3.079	42	1948	0.114	ppbv #	78
51) 2-Hexanone	7.461	43	16477m	0.642	ppbv	
52) Tetrachloroethene	8.241	164	58846	4.438	ppbv	98
53) Toluene	6.953	91	7497m	0.173	ppbv	
58) Ethyl Benzene	9.371	91	14280	0.228	ppbv	99
59) m/p-Xylene	9.542	91	50664	1.016	ppbv #	100
60) o-Xylene	9.979	91	34055	0.679	ppbv	96
62) Isopropylbenzene	10.552	105	14518	0.193	ppbv	95
69) p-Isopropyltoluene	11.940	119	43993	0.566	ppbv	95
70) n-Butylbenzene	12.293	91	117905	1.485	ppbv #	68
72) 4-Ethyltoluene	11.138	105	93376m	1.525	ppbv	
73) 1,3,5-Trimethylbenzene	11.215	105	106051	1.997	ppbv	98
74) 1,2,4-Trimethylbenzene	11.549	105	448244	7.496	ppbv #	62

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

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