

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL052925\
 Data File : VL042594.D
 Acq On : 29 May 2025 20:05
 Operator : SY/MD
 Sample : Q2124-03 4X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV3

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 05/30/2025
 Supervised By :Mahesh Dadoda 05/30/2025

Quant Time: May 30 02:13:40 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL052925AIR.M

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

QLast Update : Fri May 30 02:01:56 2025

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.797	49	109883	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.968	114	315583	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.891	117	284413	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.383	95	210817	9.888	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.900%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.499	85	1779	0.132	ppbv #	88
10) Heptane	4.994	43	13912	0.659	ppbv	98
13) Ethanol	1.725	45	2596m	2.908	ppbv	
15) Acetone	1.842	43	27951	2.112	ppbv #	84
20) Methylene Chloride	2.072	84	1525	0.349	ppbv	83
26) Hexane	2.835	57	70521	4.285	ppbv #	41
27) Carbon Disulfide	2.156	76	20835	1.649	ppbv #	1
29) Chloroform	2.858	83	41250	1.927	ppbv	99
30) Cyclohexane	3.868	84	2359m	0.173	ppbv	
34) 2-Butanone	2.567	43	28702	1.275	ppbv	99
35) Carbon Tetrachloride	3.777	117	1545	0.074	ppbv #	89
41) Tetrahydrofuran	3.068	42	9145m	0.694	ppbv	
52) Tetrachloroethene	8.234	164	26326	2.267	ppbv	91
53) Toluene	6.946	91	54297	1.512	ppbv	98
58) Ethyl Benzene	9.364	91	33818	0.701	ppbv	89
59) m/p-Xylene	9.539	91	60849	1.603	ppbv	99
60) o-Xylene	9.972	91	30572	0.807	ppbv	100
62) Isopropylbenzene	10.548	105	14864	0.266	ppbv	99
67) sec-Butylbenzene	11.775	105	18180m	0.255	ppbv	
69) p-Isopropyltoluene	11.934	119	11768	0.197	ppbv	97
72) 4-Ethyltoluene	11.134	105	17745	0.376	ppbv #	52
74) 1,2,4-Trimethylbenzene	11.542	105	40578	0.936	ppbv #	66

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

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