

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL052925\
 Data File : VL042592.D
 Acq On : 29 May 2025 19:00
 Operator : SY/MD
 Sample : Q2124-02 4X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV2

Manual Integrations
 APPROVED

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

Quant Time: May 30 02:43:15 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	109253	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.971	114	313676	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.894	117	279800	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.386	95	212619	10.137	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.499	85	1698	0.126	ppbv #	86
3) Chlorodifluoromethane	1.476	51	2477m	0.134	ppbv	
10) Heptane	4.994	43	6244m	0.297	ppbv	
13) Ethanol	1.728	45	1922m	2.166	ppbv	
15) Acetone	1.842	43	17665	1.342	ppbv #	87
20) Methylene Chloride	2.068	84	1206	0.278	ppbv #	76
26) Hexane	2.835	57	31101	1.901	ppbv #	42
27) Carbon Disulfide	2.156	76	36546	2.909	ppbv #	1
29) Chloroform	2.858	83	33248	1.562	ppbv	94
30) Cyclohexane	3.871	84	2997m	0.221	ppbv	
34) 2-Butanone	2.567	43	19439	0.869	ppbv	99
38) Trichloroethene	4.567	130	2043m	0.156	ppbv	
41) Tetrahydrofuran	3.072	42	6484	0.495	ppbv	98
52) Tetrachloroethene	8.237	164	14382m	1.246	ppbv	
53) Toluene	6.949	91	21355m	0.598	ppbv	
58) Ethyl Benzene	9.370	91	6883	0.145	ppbv	92
59) m/p-Xylene	9.542	91	12974m	0.347	ppbv	
60) o-Xylene	9.979	91	7651	0.205	ppbv	85
69) p-Isopropyltoluene	11.934	119	8515	0.145	ppbv	99
73) 1,3,5-Trimethylbenzene	11.215	105	6426	0.167	ppbv	95
74) 1,2,4-Trimethylbenzene	11.545	105	14552	0.341	ppbv #	66
79) Naphthalene	13.523	128	4237m	0.105	ppbv	

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

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