

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL061925\
 Data File : VL042651.D
 Acq On : 19 Jun 2025 11:58
 Operator : SY/MD
 Sample : Q2359-01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SS-1

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 06/23/2025
 Supervised By :Mahesh Dadoda 06/23/2025

Quant Time: Jun 20 01:36:17 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	2.803	49	116867	10.000	ppbv	0.01
33) 1,4-Difluorobenzene	3.978	114	292359	10.000	ppbv	0.02
55) Chlorobenzene-d5	8.898	117	253888	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.390	95	204963	10.769	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	107.700%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.499	85	8300	0.578	ppbv	91
3) Chlorodifluoromethane	1.476	51	7828m	0.396	ppbv	
4) Chloromethane	1.534	50	13534	2.379	ppbv	99
5) Vinyl Chloride	1.583	62	207m	0.036	ppbv	
9) Propene	1.486	41	11276	1.415	ppbv	90
10) Heptane	5.007	43	44827	1.996	ppbv	95
11) Trichlorofluoromethane	1.887	101	3341	0.250	ppbv	100
13) Ethanol	1.729	45	96433	101.573	ppbv	96
15) Acetone	1.842	43	415203	29.495	ppbv	100
19) Isopropyl Alcohol	1.894	45	31874	3.788	ppbv #	1
20) Methylene Chloride	2.075	84	15655	3.370	ppbv	98
23) Vinyl Acetate	2.463	43	27669m	1.454	ppbv	
26) Hexane	2.845	57	18589	1.062	ppbv	82
29) Chloroform	2.865	83	6123	0.269	ppbv	96
31) cis-1,2-Dichloroethene	2.735	61	88276	5.513	ppbv	95
34) 2-Butanone	2.570	43	60913	2.922	ppbv	99
35) Carbon Tetrachloride	3.781	117	2514	0.130	ppbv #	81
36) Benzene	3.677	78	16370	0.569	ppbv #	93
41) Tetrahydrofuran	3.069	42	192120	15.742	ppbv	99
44) 2,2,4-Trimethylpentane	4.661	57	5187m	0.105	ppbv	
53) Toluene	6.962	91	29076	0.874	ppbv	96
58) Ethyl Benzene	9.374	91	23504	0.546	ppbv	94
59) m/p-Xylene	9.548	91	100363	2.961	ppbv	98
60) o-Xylene	9.979	91	28349	0.839	ppbv	98
64) n-propylbenzene	11.005	120	1409	0.105	ppbv	72
70) n-Butylbenzene	12.293	91	6417m	0.122	ppbv	
72) 4-Ethyltoluene	11.137	105	7640	0.181	ppbv #	55
73) 1,3,5-Trimethylbenzene	11.215	105	6608	0.189	ppbv	91
74) 1,2,4-Trimethylbenzene	11.549	105	34784	0.899	ppbv #	64
79) Naphthalene	13.523	128	19325	0.530	ppbv	95
80) Naphthalene,2-methyl-	14.465	142	12637	0.767	ppbv #	83

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

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