

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL091825\
 Data File : VL042948.D
 Acq On : 18 Sep 2025 16:30
 Operator : SY/MD
 Sample : Q3111-01 4X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV1

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 09/19/2025
 Supervised By :Mahesh Dadoda 09/24/2025

Quant Time: Sep 19 01:27:26 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091725AIR.M

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

QLast Update : Thu Sep 18 02:57:46 2025

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.793	49	171071	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.968	114	423347	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.891	117	385900	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 10.387 95 321561 10.661 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 106.600%

Target Compounds

					Qvalue	
10) Heptane	4.988	43	7621m	0.327	ppbv	
13) Ethanol	1.725	45	94623	98.776	ppbv	94
15) Acetone	1.839	43	1321289	62.882	ppbv	97
17) tert-Butyl alcohol	2.049	59	3913m	0.193	ppbv	
19) Isopropyl Alcohol	1.890	45	1100221	97.662	ppbv #	4
20) Methylene Chloride	2.065	84	5662	0.619	ppbv	98
25) Ethyl Acetate	2.845	43	48209m	1.074	ppbv	
26) Hexane	2.832	57	37699	1.958	ppbv	80
27) Carbon Disulfide	2.153	76	23428	0.986	ppbv	99
28) Methyl tert-Butyl Ether	2.447	73	1454	0.137	ppbv #	1
29) Chloroform	2.852	83	3298m	0.105	ppbv	
30) Cyclohexane	3.862	84	2653m	0.183	ppbv	
34) 2-Butanone	2.567	43	21632	0.788	ppbv	100
36) Benzene	3.667	78	13033	0.353	ppbv #	89
41) Tetrahydrofuran	3.072	42	5975m	0.440	ppbv	
44) 2,2,4-Trimethylpentane	4.651	57	21694	0.352	ppbv #	68
52) Tetrachloroethene	8.237	164	19222	1.688	ppbv	94
53) Toluene	6.949	91	34133	0.991	ppbv	100
58) Ethyl Benzene	9.364	91	6026	0.121	ppbv	92
59) m/p-Xylene	9.542	91	13672m	0.325	ppbv	
60) o-Xylene	9.969	91	10265m	0.246	ppbv	
61) Styrene	9.882	104	3931	0.715	ppbv #	75
79) Naphthalene	13.520	128	1578m	0.393	ppbv	
81) 1,2,4-Trichlorobenzene	13.452	180	821m	0.457	ppbv	

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

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