

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL041025\
 Data File : VL042303.D
 Acq On : 10 Apr 2025 11:56
 Operator : SY/MD
 Sample : Q1772-02
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA1

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 04/11/2025
 Supervised By : Mahesh Dadoda 04/11/2025

Quant Time: Apr 11 01:56:48 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL032725AIR.M

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

QLast Update : Fri Mar 28 02:00:52 2025

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.784	49	193225	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.952	114	482161	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.875	117	409076	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.374	95	309434	9.211	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	92.100%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.496	85	10639	0.373	ppbv	99
3) Chlorodifluoromethane	1.473	51	12737m	0.437	ppbv	
4) Chloromethane	1.531	50	9157	0.785	ppbv	97
9) Propene	1.486	41	173135	12.960	ppbv #	62
11) Trichlorofluoromethane	1.877	101	7035	0.253	ppbv	100
13) Ethanol	1.732	45	3500698	2772.094	ppbv	81
15) Acetone	1.835	43	200683	7.426	ppbv	98
19) Isopropyl Alcohol	1.887	45	74380	4.878	ppbv #	47
20) Methylene Chloride	2.059	84	5015	0.498	ppbv #	90
25) Ethyl Acetate	2.836	43	96942	1.382	ppbv #	93
29) Chloroform	2.845	83	18198	0.459	ppbv	96
34) 2-Butanone	2.560	43	27194	0.778	ppbv	100
35) Carbon Tetrachloride	3.761	117	3102m	0.082	ppbv	
36) Benzene	3.648	78	14521	0.304	ppbv #	89
53) Toluene	6.923	91	14342	0.253	ppbv	99
59) m/p-Xylene	9.529	91	6113m	0.105	ppbv	
76) 1,4-Dichlorobenzene	11.672	146	7765	0.195	ppbv	90

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

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