

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL041525\
 Data File : VL042334.D
 Acq On : 15 Apr 2025 16:08
 Operator : SY/MD
 Sample : Q1802-02DUP
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA1DUP

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 04/16/2025
 Supervised By : Mahesh Dadoda 04/16/2025

Quant Time: Apr 16 01:33:25 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	2.809	49	179585	10.000	ppbv	0.03
33) 1,4-Difluorobenzene	3.994	114	439918	10.000	ppbv	0.04
55) Chlorobenzene-d5	8.917	117	393360	10.000	ppbv	0.04
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.406	95	314181	9.726	ppbv	0.04
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.300%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.508	85	9589	0.362	ppbv	100
3) Chlorodifluoromethane	1.486	51	6431m	0.237	ppbv	
4) Chloromethane	1.541	50	7061	0.652	ppbv	95
9) Propene	1.499	41	41747m	3.362	ppbv	
10) Heptane	5.036	43	11932m	0.361	ppbv	
11) Trichlorofluoromethane	1.890	101	4701	0.182	ppbv	84
13) Ethanol	1.735	45	174144	148.373	ppbv	83
15) Acetone	1.848	43	421840	16.796	ppbv #	79
19) Isopropyl Alcohol	1.900	45	40949	2.890	ppbv #	1
20) Methylene Chloride	2.078	84	3293	0.352	ppbv #	92
26) Hexane	2.852	57	32511	1.291	ppbv #	59
30) Cyclohexane	3.894	84	5523m	0.253	ppbv	
34) 2-Butanone	2.580	43	57155	1.792	ppbv	99
35) Carbon Tetrachloride	3.800	117	2261m	0.066	ppbv	
36) Benzene	3.687	78	30839	0.707	ppbv	95
41) Tetrahydrofuran	3.085	42	58119	3.164	ppbv	92
44) 2,2,4-Trimethylpentane	4.680	57	33305m	0.452	ppbv	
52) Tetrachloroethene	8.257	164	4514m	0.261	ppbv	
53) Toluene	6.985	91	105073	2.032	ppbv	98
58) Ethyl Benzene	9.390	91	14862	0.213	ppbv	93
59) m/p-Xylene	9.564	91	45628	0.818	ppbv	96
60) o-Xylene	9.995	91	15795	0.282	ppbv	95
74) 1,2,4-Trimethylbenzene	11.561	105	19209	0.274	ppbv #	69

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

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