

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL020325\
 Data File : VL041967.D
 Acq On : 03 Feb 2025 16:35
 Operator : SY/MD
 Sample : Q1222-02
 Misc : 400mL/MSVOA_L
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA1

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 02/04/2025
 Supervised By : Mahesh Dadoda 02/04/2025

Quant Time: Feb 04 02:38:28 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL011425AIR.M

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

QLast Update : Tue Jan 14 23:15:42 2025

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.794	49	150093	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.972	114	411838	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.891	117	358723	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	10.387	95	281200	9.952	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.500%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.502	85	8300	0.406	ppbv #	85
3) Chlorodifluoromethane	1.480	51	5789m	0.270	ppbv	
4) Chloromethane	1.535	50	3962	0.515	ppbv #	87
9) Propene	1.489	41	55274m	6.265	ppbv	
10) Heptane	4.995	43	111593	4.732	ppbv	99
11) Trichlorofluoromethane	1.881	101	4572	0.215	ppbv	99
13) Ethanol	1.726	45	507156	784.773	ppbv	89
15) Acetone	1.839	43	304441	16.888	ppbv	94
19) Isopropyl Alcohol	1.891	45	262017	24.513	ppbv #	76
20) Methylene Chloride	2.069	84	2275	0.319	ppbv #	91
26) Hexane	2.832	57	14728	0.766	ppbv #	68
29) Chloroform	2.855	83	11281	0.371	ppbv	95
30) Cyclohexane	3.868	84	10115	0.607	ppbv #	90
34) 2-Butanone	2.567	43	38426	1.467	ppbv	100
35) Carbon Tetrachloride	3.774	117	1747m	0.068	ppbv	
36) Benzene	3.671	78	13894	0.368	ppbv #	92
41) Tetrahydrofuran	3.075	42	8618	0.605	ppbv	92
44) 2,2,4-Trimethylpentane	4.658	57	19641m	0.321	ppbv	
52) Tetrachloroethene	8.225	164	1044m	0.080	ppbv	
53) Toluene	6.949	91	58221	1.415	ppbv	99
58) Ethyl Benzene	9.364	91	11254	0.201	ppbv #	78
59) m/p-Xylene	9.539	91	47247	1.051	ppbv	95
60) o-Xylene	9.972	91	18366	0.412	ppbv	98
74) 1,2,4-Trimethylbenzene	11.545	105	18298	0.359	ppbv #	54

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

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