

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL041525\
 Data File : VL042333.D
 Acq On : 15 Apr 2025 15:35
 Operator : SY/MD
 Sample : Q1802-02
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA1

Manual Integrations
 APPROVED

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

Quant Time: Apr 16 01:32:53 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	2.810	49	165032	10.000	ppbv	0.03
33) 1,4-Difluorobenzene	3.994	114	401986	10.000	ppbv	0.04
55) Chlorobenzene-d5	8.914	117	365464	10.000	ppbv	0.04
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.403	95	293899	9.793	ppbv	0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.900%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.508	85	9916	0.407	ppbv	90
3) Chlorodifluoromethane	1.486	51	6114m	0.246	ppbv	
4) Chloromethane	1.541	50	6928	0.696	ppbv	99
9) Propene	1.495	41	39986m	3.505	ppbv	
10) Heptane	5.033	43	10685m	0.352	ppbv	
11) Trichlorofluoromethane	1.890	101	4453	0.188	ppbv	90
13) Ethanol	1.732	45	169320	156.984	ppbv	83
15) Acetone	1.848	43	411650	17.835	ppbv #	79
19) Isopropyl Alcohol	1.900	45	38693	2.971	ppbv #	1
20) Methylene Chloride	2.075	84	2851	0.332	ppbv	95
26) Hexane	2.852	57	29064	1.256	ppbv #	60
30) Cyclohexane	3.891	84	4966m	0.247	ppbv	
34) 2-Butanone	2.580	43	53746	1.844	ppbv	97
35) Carbon Tetrachloride	3.803	117	2087m	0.066	ppbv	
36) Benzene	3.687	78	26856	0.674	ppbv #	91
41) Tetrahydrofuran	3.085	42	53848	3.208	ppbv	91
44) 2,2,4-Trimethylpentane	4.687	57	28932m	0.430	ppbv	
52) Tetrachloroethene	8.260	164	3994m	0.253	ppbv	
53) Toluene	6.978	91	97628	2.067	ppbv	97
58) Ethyl Benzene	9.390	91	13061	0.201	ppbv #	89
59) m/p-Xylene	9.561	91	42208	0.814	ppbv	99
60) o-Xylene	9.995	91	13960	0.269	ppbv	87
74) 1,2,4-Trimethylbenzene	11.561	105	17878	0.275	ppbv #	69

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

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