

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL021125\
 Data File : VL041998.D
 Acq On : 11 Feb 2025 11:39
 Operator : SY/MD
 Sample : Q1342-01
 Misc : 400mL/MSVOA_L
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA1

Quant Time: Feb 11 22:18:33 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL011425AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 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	2.780	49	163540	10.000	ppbv	-0.02
33) 1,4-Difluorobenzene	3.949	114	454250	10.000	ppbv	-0.03
55) Chlorobenzene-d5	8.872	117	398767	10.000	ppbv	-0.02

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.367	95	323329	10.294	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.900%

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.496	85	8116	0.364	ppbv	93
4) Chloromethane	1.531	50	4224	0.504	ppbv #	89
9) Propene	1.483	41	6238	0.649	ppbv	96
10) Heptane	4.968	43	7115	0.277	ppbv	96
11) Trichlorofluoromethane	1.874	101	4423	0.191	ppbv #	79
13) Ethanol	1.719	45	84552	120.078	ppbv	90
15) Acetone	1.832	43	69626	3.545	ppbv	98
19) Isopropyl Alcohol	1.884	45	30975	2.660	ppbv #	75
20) Methylene Chloride	2.059	84	1849	0.238	ppbv #	92
26) Hexane	2.819	57	6857	0.327	ppbv #	51
29) Chloroform	2.842	83	5393	0.163	ppbv	94
30) Cyclohexane	3.852	84	6942m	0.382	ppbv	
34) 2-Butanone	2.560	43	5549	0.192	ppbv #	88
35) Carbon Tetrachloride	3.755	117	2075m	0.073	ppbv	
36) Benzene	3.648	78	14133	0.339	ppbv	96
52) Tetrachloroethene	8.218	164	470m	0.033	ppbv	
53) Toluene	6.920	91	23101	0.509	ppbv	97
58) Ethyl Benzene	9.348	91	6500	0.104	ppbv #	85
59) m/p-Xylene	9.522	91	16482m	0.330	ppbv	
60) o-Xylene	9.956	91	7656m	0.154	ppbv	

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

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