

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL012025\
 Data File : VL041931.D
 Acq On : 20 Jan 2025 21:59
 Operator : SY/MD
 Sample : Q1090-02 2X
 Misc : 400mL/MSVOA_L
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV2

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 01/21/2025
 Supervised By :Mahesh Dadoda 01/21/2025

Quant Time: Jan 21 07:40:48 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	2.777	49	143675	10.000	ppbv	-0.02
33) 1,4-Difluorobenzene	3.943	114	408890	10.000	ppbv	-0.03
55) Chlorobenzene-d5	8.865	117	375860	10.000	ppbv	-0.03
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.364	95	295570	9.984	ppbv	-0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.800%
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.492	85	5385	0.275	ppbv	98
3) Chlorodifluoromethane	1.470	51	5618m	0.274	ppbv	
4) Chloromethane	1.525	50	3008	0.409	ppbv #	78
9) Propene	1.476	41	18632	2.206	ppbv	97
10) Heptane	4.962	43	18075	0.801	ppbv	96
11) Trichlorofluoromethane	1.868	101	2515	0.124	ppbv	84
13) Ethanol	1.716	45	7218	11.668	ppbv #	31
15) Acetone	1.829	43	182676	10.586	ppbv #	87
17) tert-Butyl alcohol	2.039	59	5822	0.274	ppbv #	69
19) Isopropyl Alcohol	1.881	45	4949	0.484	ppbv #	1
20) Methylene Chloride	2.052	84	1351	0.198	ppbv #	93
26) Hexane	2.816	57	114679	6.231	ppbv #	35
27) Carbon Disulfide	2.143	76	2780	0.153	ppbv #	50
29) Chloroform	2.839	83	6003	0.206	ppbv	93
30) Cyclohexane	3.842	84	2926m	0.183	ppbv	
34) 2-Butanone	2.551	43	136872	5.264	ppbv	98
35) Carbon Tetrachloride	3.745	117	1881	0.073	ppbv #	62
36) Benzene	3.638	78	11789	0.314	ppbv #	94
52) Tetrachloroethene	8.205	164	3788m	0.291	ppbv	
53) Toluene	6.911	91	38661	0.946	ppbv	96
59) m/p-Xylene	9.542	91	12601m	0.268	ppbv	
60) o-Xylene	9.950	91	12559	0.269	ppbv	100

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

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