

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL012025\
 Data File : VL041922.D
 Acq On : 20 Jan 2025 16:12
 Operator : SY/MD
 Sample : Q1090-02 4X
 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 03:05:04 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	2.787	49	141996	10.000	ppbv	-0.01
33) 1,4-Difluorobenzene	3.955	114	398544	10.000	ppbv	-0.02
55) Chlorobenzene-d5	8.878	117	362259	10.000	ppbv	-0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.374	95	293749	10.295	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	= 103.000%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.499	85	3508	0.181	ppbv	100
3) Chlorodifluoromethane	1.476	51	2740m	0.135	ppbv	
4) Chloromethane	1.531	50	1665	0.229	ppbv	99
9) Propene	1.482	41	9289	1.113	ppbv	98
10) Heptane	4.972	43	8757m	0.393	ppbv	
13) Ethanol	1.722	45	4152m	6.791	ppbv	
15) Acetone	1.835	43	91335	5.355	ppbv #	87
16) 1,3-Butadiene	1.602	39	4404	0.575	ppbv #	32
17) tert-Butyl alcohol	2.042	59	3346	0.159	ppbv #	89
20) Methylene Chloride	2.062	84	1200	0.178	ppbv #	75
26) Hexane	2.826	57	51661	2.840	ppbv #	34
29) Chloroform	2.852	83	3166	0.110	ppbv	98
34) 2-Butanone	2.560	43	62688	2.473	ppbv	99
35) Carbon Tetrachloride	3.764	117	1274m	0.051	ppbv	
36) Benzene	3.661	78	5690	0.156	ppbv #	91
51) 2-Hexanone	7.428	43	7702m	0.290	ppbv	
52) Tetrachloroethene	8.224	164	2111m	0.167	ppbv	
53) Toluene	6.926	91	17721	0.445	ppbv	96
59) m/p-Xylene	9.551	91	6282	0.138	ppbv	90
60) o-Xylene	9.959	91	6971	0.155	ppbv	91

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

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