Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL061925\
Data File : VL042657.D
Acq On : 19 Jun 2025 16:17
Operator : SY/MD
Sample : Q2369-01 10X
Misc : 400mL/MSVOA_L
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
SV1

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 06/23/2025
Supervised By :Mahesh Dadoda 06/23/2025

Quant Time: Jun 20 04:54:25 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL052925AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 1
QLast Update : Fri May 30 02:01:56 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	2.800	49	113122	10.000	ppbv		0.01
33) 1,4-Difluorobenzene	3.982	114	304237	10.000	ppbv		0.02
55) Chlorobenzene-d5	8.905	117	268498	10.000	ppbv		0.02
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	10.393	95	209871	10.427	ppbv		0.01
Spiked Amount 10.000	Range 65 - 135		Recovery = 104.300%				
Target Compounds							Qvalue
9) Propene	1.483	41	10815m	1.403	ppbv		
10) Heptane	5.011	43	10069m	0.463	ppbv		
13) Ethanol	1.729	45	539915	587.522	ppbv		97
15) Acetone	1.842	43	31979m	2.347	ppbv		
19) Isopropyl Alcohol	1.894	45	9070	1.113	ppbv	#	1
20) Methylene Chloride	2.069	84	1056	0.235	ppbv	#	78
26) Hexane	2.839	57	29663	1.751	ppbv	#	70
29) Chloroform	2.862	83	3301	0.150	ppbv		97
30) Cyclohexane	3.875	84	3783m	0.269	ppbv		
34) 2-Butanone	2.574	43	19294	0.889	ppbv		96
36) Benzene	3.674	78	17994	0.601	ppbv	#	88
44) 2,2,4-Trimethylpentane	4.668	57	22501m	0.439	ppbv		
51) 2-Hexanone	7.467	43	10406m	0.436	ppbv		
52) Tetrachloroethene	8.251	164	319531	28.542	ppbv		97
53) Toluene	6.966	91	82757	2.390	ppbv		99
58) Ethyl Benzene	9.377	91	22932	0.504	ppbv		96
59) m/p-Xylene	9.552	91	72946	2.035	ppbv		95
60) o-Xylene	9.982	91	27460	0.768	ppbv		98
73) 1,3,5-Trimethylbenzene	11.222	105	4347	0.118	ppbv		99
74) 1,2,4-Trimethylbenzene	11.549	105	16198	0.396	ppbv	#	65
76) 1,4-Dichlorobenzene	11.688	146	8370	0.326	ppbv		88

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

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MSVOA_L
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