Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL040725\
Data File : VL042250.D
Acq On : 08 Apr 2025 01:17
Operator : SY/MD
Sample : Q1725-08 4X
Misc : 400mL/MSVOA_L
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
SSSG-B10-2-03312025

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 04/08/2025
Supervised By :Mahesh Dadoda 04/09/2025

Quant Time: Apr 08 04:48:43 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL032725AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 1
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	2.800	49	202914	10.000	ppbv		0.02
33) 1,4-Difluorobenzene	3.981	114	515559	10.000	ppbv		0.03
55) Chlorobenzene-d5	8.904	117	442488	10.000	ppbv		0.03
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	10.396	95	355772	9.791	ppbv		0.03
Spiked Amount 10.000	Range 65 - 135		Recovery = 97.900%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.505	85	3378	0.113	ppbv	#	85
4) Chloromethane	1.538	50	1373	0.112	ppbv		93
9) Propene	1.492	41	26269m	1.873	ppbv		
13) Ethanol	1.729	45	1061779	800.643	ppbv		86
15) Acetone	1.842	43	997970	35.166	ppbv		98
17) tert-Butyl alcohol	2.052	59	10189m	0.288	ppbv		
19) Isopropyl Alcohol	1.894	45	1615569	100.898	ppbv	#	32
20) Methylene Chloride	2.072	84	2531	0.239	ppbv		97
26) Hexane	2.842	57	3600	0.127	ppbv	#	35
29) Chloroform	2.861	83	15997	0.384	ppbv		90
34) 2-Butanone	2.570	43	204814	5.479	ppbv		98
36) Benzene	3.680	78	5830m	0.114	ppbv		
52) Tetrachloroethene	8.247	164	15893	0.784	ppbv		96
53) Toluene	6.965	91	27648m	0.456	ppbv		
58) Ethyl Benzene	9.374	91	10176m	0.129	ppbv		
59) m/p-Xylene	9.555	91	29838	0.475	ppbv		95
60) o-Xylene	9.979	91	13109	0.208	ppbv		98
74) 1,2,4-Trimethylbenzene	11.552	105	13306	0.169	ppbv	#	67

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

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