Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL040725\
Data File : VL042234.D
Acq On : 07 Apr 2025 14:18
Operator : SY/MD
Sample : Q1725-01
Misc : 400mL/MSVOA_L
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
SSSG-B1-2-04012025

Manual Integrations APPROVED

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

Quant Time: Apr 08 01:32:03 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	2.803	49	198158	10.000	ppbv		0.02
33) 1,4-Difluorobenzene	3.981	114	527291	10.000	ppbv		0.03
55) Chlorobenzene-d5	8.904	117	473671	10.000	ppbv		0.03
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	10.393	95	385746	9.917	ppbv		0.02
Spiked Amount 10.000	Range 65 - 135		Recovery = 99.200%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.505	85	11751	0.402	ppbv		91
3) Chlorodifluoromethane	1.480	51	7986m	0.267	ppbv		
10) Heptane	5.011	43	4434m	0.122	ppbv		
11) Trichlorofluoromethane	1.887	101	6010	0.211	ppbv		90
13) Ethanol	1.729	45	2993m	2.311	ppbv		
15) Acetone	1.845	43	70052	2.528	ppbv		96
20) Methylene Chloride	2.072	84	10076	0.976	ppbv		99
26) Hexane	2.845	57	8472m	0.305	ppbv		
29) Chloroform	2.865	83	81943	2.015	ppbv		98
34) 2-Butanone	2.580	43	7789	0.204	ppbv		93
35) Carbon Tetrachloride	3.791	117	2819m	0.068	ppbv		
36) Benzene	3.680	78	7218	0.138	ppbv	#	88
38) Trichloroethene	4.577	130	1453m	0.067	ppbv		
52) Tetrachloroethene	8.241	164	1024m	0.049	ppbv		
53) Toluene	6.966	91	132108	2.132	ppbv		98
57) Chlorobenzene	8.940	112	8901	0.198	ppbv	#	76
58) Ethyl Benzene	9.374	91	23493	0.279	ppbv		92
59) m/p-Xylene	9.552	91	79086	1.177	ppbv		99
60) o-Xylene	9.985	91	26822	0.398	ppbv		92
61) Styrene	9.888	104	7302	0.219	ppbv		97
74) 1,2,4-Trimethylbenzene	11.555	105	19699	0.233	ppbv	#	67

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

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