Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL032725\
Data File : VL042185.D
Acq On : 27 Mar 2025 18:22
Operator : SY/MD
Sample : Q1669-01
Misc : 400mL/MSVOA_L
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Mar 28 02:14:56 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL032725AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 2
QLast Update : Fri Mar 28 02:00:52 2025
Response via : Initial Calibration

Instrument :
MSVOA_L
ClientSampleId :
IA-B9-3-3262025

Manual Integrations APPROVED
Reviewed By :Semsettin Yesilyurt 03/31/2025
Supervised By :Mahesh Dadoda 04/03/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	2.791	49	182164	10.000	ppbv		0.00
33) 1,4-Difluorobenzene	3.962	114	537249	10.000	ppbv		0.00
55) Chlorobenzene-d5	8.885	117	488802	10.000	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	10.377	95	399253	9.946	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 99.500%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.499	85	10784	0.401	ppbv		94
3) Chlorodifluoromethane	1.476	51	7336m	0.267	ppbv		
4) Chloromethane	1.532	50	4102	0.373	ppbv		97
9) Propene	1.483	41	9886	0.785	ppbv		90
10) Heptane	4.982	43	12733m	0.380	ppbv		
11) Trichlorofluoromethane	1.881	101	5615	0.215	ppbv		98
13) Ethanol	1.722	45	66284	55.675	ppbv		87
15) Acetone	1.836	43	884107	34.703	ppbv		98
17) tert-Butyl alcohol	2.043	59	15704	0.495	ppbv	#	88
20) Methylene Chloride	2.062	84	3433	0.362	ppbv	#	83
26) Hexane	2.829	57	49383	1.934	ppbv	#	35
30) Cyclohexane	3.855	84	4259m	0.192	ppbv		
34) 2-Butanone	2.561	43	35584	0.913	ppbv		98
35) Carbon Tetrachloride	3.765	117	2627	0.063	ppbv		91
36) Benzene	3.661	78	34017	0.639	ppbv	#	92
44) 2,2,4-Trimethylpentane	4.648	57	23919m	0.266	ppbv		
50) 4-Methyl-2-Pentanone	5.781	43	22175m	0.359	ppbv		
53) Toluene	6.937	91	146384	2.319	ppbv		99
58) Ethyl Benzene	9.358	91	27191	0.313	ppbv		95
59) m/p-Xylene	9.533	91	73715m	1.063	ppbv		
60) o-Xylene	9.966	91	35115	0.505	ppbv		99
61) Styrene	9.872	104	4273	0.124	ppbv		91
64) n-propylbenzene	10.992	120	2677	0.100	ppbv		96
74) 1,2,4-Trimethylbenzene	11.539	105	44446	0.510	ppbv	#	64

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

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