Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL032725\
Data File : VL042196.D
Acq On : 28 Mar 2025 00:44
Operator : SY/MD
Sample : Q1669-01DUP
Misc : 400mL/MSVOA_L
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Mar 28 02:20:24 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-B9-3-3262025DUP

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	2.784	49	169076	10.000	ppbv		0.00
33) 1,4-Difluorobenzene	3.956	114	480272	10.000	ppbv		0.00
55) Chlorobenzene-d5	8.879	117	439128	10.000	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	10.374	95	364412	10.105	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 101.100%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.496	85	10520	0.421	ppbv		95
3) Chlorodifluoromethane	1.473	51	8616	0.338	ppbv		93
4) Chloromethane	1.532	50	3735	0.366	ppbv		90
9) Propene	1.483	41	9977	0.854	ppbv		88
10) Heptane	4.982	43	11183m	0.360	ppbv		
11) Trichlorofluoromethane	1.875	101	5375	0.221	ppbv		99
13) Ethanol	1.719	45	64469	58.343	ppbv		85
15) Acetone	1.833	43	856935	36.240	ppbv		98
17) tert-Butyl alcohol	2.043	59	15220	0.517	ppbv	#	91
20) Methylene Chloride	2.059	84	3137	0.356	ppbv		94
26) Hexane	2.826	57	41919	1.768	ppbv	#	34
30) Cyclohexane	3.852	84	3688m	0.179	ppbv		
34) 2-Butanone	2.561	43	32222	0.925	ppbv		99
35) Carbon Tetrachloride	3.758	117	2485	0.066	ppbv		88
36) Benzene	3.652	78	29626	0.622	ppbv	#	88
44) 2,2,4-Trimethylpentane	4.639	57	21092m	0.262	ppbv		
50) 4-Methyl-2-Pentanone	5.772	43	19370m	0.351	ppbv		
53) Toluene	6.933	91	128886	2.284	ppbv		99
58) Ethyl Benzene	9.351	91	21749	0.279	ppbv		97
59) m/p-Xylene	9.526	91	65488	1.051	ppbv		98
60) o-Xylene	9.963	91	30665	0.491	ppbv		93
61) Styrene	9.866	104	3531	0.114	ppbv		97
73) 1,3,5-Trimethylbenzene	11.199	105	10625	0.156	ppbv		87
74) 1,2,4-Trimethylbenzene	11.536	105	38101	0.487	ppbv	#	69

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

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