Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL010725\
Data File : VL041851.D
Acq On : 07 Jan 2025 19:05
Operator : SY/MD
Sample : Q1031-01 2X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jan 08 03:57:12 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL010725AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 2
QLast Update : Wed Jan 08 03:26:12 2025
Response via : Initial Calibration

Instrument :
MSVOA_L
ClientSampleId :
SV1

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 01/09/2025
Supervised By :Mahesh Dadoda 01/09/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	2.793	49	81088	10.000	ppbv		0.00
33) 1,4-Difluorobenzene	3.971	114	178085	10.000	ppbv		0.00
55) Chlorobenzene-d5	8.891	117	183102	10.000	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	10.383	95	164947	10.518	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 105.200%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.502	85	3107	0.234	ppbv		98
3) Chlorodifluoromethane	1.479	51	2826	0.222	ppbv		93
4) Chloromethane	1.534	50	1167	0.213	ppbv	#	59
9) Propene	1.489	41	19341m	4.370	ppbv		
10) Heptane	4.997	43	5065	0.463	ppbv		98
11) Trichlorofluoromethane	1.881	101	1951	0.144	ppbv	#	79
13) Ethanol	1.725	45	3184	5.476	ppbv	#	38
15) Acetone	1.838	43	54741	3.667	ppbv		97
19) Isopropyl Alcohol	1.890	45	2170	0.310	ppbv	#	1
20) Methylene Chloride	2.068	84	1866	0.437	ppbv	#	77
26) Hexane	2.835	57	29745	3.423	ppbv	#	29
27) Carbon Disulfide	2.156	76	4672	0.567	ppbv	#	4
29) Chloroform	2.855	83	42132	2.610	ppbv		100
30) Cyclohexane	3.868	84	710m	0.108	ppbv		
34) 2-Butanone	2.567	43	12723	0.907	ppbv		100
35) Carbon Tetrachloride	3.780	117	1277m	0.095	ppbv		
36) Benzene	3.670	78	3143	0.185	ppbv		96
41) Tetrahydrofuran	3.078	42	846m	0.128	ppbv		
52) Tetrachloroethene	8.234	164	7190	1.425	ppbv	#	84
53) Toluene	6.952	91	15874m	1.048	ppbv		
58) Ethyl Benzene	9.360	91	3296m	0.132	ppbv		
59) m/p-Xylene	9.542	91	6686m	0.304	ppbv		
60) o-Xylene	9.969	91	5929m	0.277	ppbv		
73) 1,3,5-Trimethylbenzene	11.212	105	4304	0.190	ppbv	#	83
74) 1,2,4-Trimethylbenzene	11.545	105	6914	0.263	ppbv	#	66

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

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