Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL021025\
Data File : VL041983.D
Acq On : 10 Feb 2025 12:35
Operator : SY/MD
Sample : Q1302-02 4X
Misc : 400mL/MSVOA_L
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Feb 11 01:21:39 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL011425AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 1
QLast Update : Tue Jan 14 23:15:42 2025
Response via : Initial Calibration

Instrument :
MSVOA_L
ClientSampleId :
SV2

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	2.784	49	157243	10.000	ppbv		-0.01
33) 1,4-Difluorobenzene	3.956	114	437860	10.000	ppbv		-0.02
55) Chlorobenzene-d5	8.875	117	397046	10.000	ppbv		-0.02
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	10.374	95	294844	9.428	ppbv		-0.02
Spiked Amount 10.000	Range 65 - 135		Recovery = 94.300%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.496	85	3365	0.157	ppbv		98
9) Propene	1.483	41	5013	0.542	ppbv	#	18
10) Heptane	4.975	43	32752	1.326	ppbv	#	75
11) Trichlorofluoromethane	1.874	101	6980	0.313	ppbv		89
13) Ethanol	1.719	45	8857	13.082	ppbv	#	31
15) Acetone	1.832	43	1229494	65.100	ppbv		92
17) tert-Butyl alcohol	2.039	59	10277	0.442	ppbv	#	64
19) Isopropyl Alcohol	1.887	45	22138m	1.977	ppbv		
20) Methylene Chloride	2.062	84	1738	0.233	ppbv		94
26) Hexane	2.826	57	96344	4.783	ppbv	#	38
27) Carbon Disulfide	2.146	76	4735	0.238	ppbv	#	1
30) Cyclohexane	3.849	84	20134	1.152	ppbv		96
32) 1,1,1-Trichloroethane	3.370	97	5971m	0.196	ppbv		
34) 2-Butanone	2.557	43	101126	3.632	ppbv		100
35) Carbon Tetrachloride	3.758	117	2699m	0.098	ppbv		
36) Benzene	3.651	78	8195	0.204	ppbv		97
41) Tetrahydrofuran	3.059	42	32359	2.138	ppbv	#	74
50) 4-Methyl-2-Pentanone	5.745	43	471471	12.403	ppbv		100
51) 2-Hexanone	7.435	43	101884	3.488	ppbv	#	77
52) Tetrachloroethene	8.215	164	4269m	0.307	ppbv		
53) Toluene	6.927	91	802208	18.338	ppbv		99
58) Ethyl Benzene	9.351	91	96163	1.550	ppbv		99
59) m/p-Xylene	9.526	91	268033	5.389	ppbv		97
60) o-Xylene	9.959	91	149001	3.018	ppbv		98
62) Isopropylbenzene	10.536	105	69424	0.909	ppbv		99
64) n-propylbenzene	10.989	120	32576	1.688	ppbv		92
65) tert-Butylbenzene	11.536	119	58195	0.836	ppbv	#	71
70) n-Butylbenzene	12.280	91	43820	0.560	ppbv	#	67
73) 1,3,5-Trimethylbenzene	11.202	105	152349	2.921	ppbv		94
74) 1,2,4-Trimethylbenzene	11.536	105	487991	8.641	ppbv	#	55

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

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