Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL121222\
Data File : VL039975.D
Acq On : 12 Dec 2022 14:29
Operator : SY/MD
Sample : N5969-02DUP
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Dec 13 06:10:08 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL111822AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 1
QLast Update : Fri Dec 02 23:21:36 2022
Response via : Initial Calibration

Instrument :
MSVOA_L
ClientSampleId :
IA-2DUP

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 12/14/2022
Supervised By :Mahesh Dadoda 12/14/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	5.173	49	1144827	10.000	ppbv		0.02
33) 1,4-Difluorobenzene	6.636	114	3094285	10.000	ppbv		0.02
55) Chlorobenzene-d5	11.452	117	2804765	10.000	ppbv		0.02
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	13.767	95	2303959	10.755	ppbv		0.03
Spiked Amount 10.000	Range 65 - 135		Recovery = 107.500%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	2.710	85	74967	0.457	ppbv		99
3) Chlorodifluoromethane	2.655	51	62335	0.395	ppbv	#	90
4) Chloromethane	2.793	50	46238	0.458	ppbv		93
11) Trichlorofluoromethane	3.546	101	104028	0.520	ppbv		97
12) 1,1,2-Trichlorotrifluo...	4.044	101	12710m	0.084	ppbv		
13) Ethanol	3.218	45	2161358	380.426	ppbv		99
15) Acetone	3.449	43	1090627	7.182	ppbv		95
20) Methylene Chloride	3.915	84	2387201	32.449	ppbv		94
26) Hexane	5.195	57	1729682	14.202	ppbv	#	40
29) Chloroform	5.259	83	29804m	0.184	ppbv		
30) Cyclohexane	6.591	84	13498m	0.113	ppbv		
34) 2-Butanone	4.774	43	73747	0.498	ppbv		96
35) Carbon Tetrachloride	6.478	117	14961m	0.085	ppbv		
36) Benzene	6.349	78	84167	0.320	ppbv	#	94
44) 2,2,4-Trimethylpentane	7.311	57	235249	0.536	ppbv		91
52) Tetrachloroethene	10.600	164	16063m	0.163	ppbv		
53) Toluene	9.208	91	270482	0.903	ppbv		98
59) m/p-Xylene	12.330	91	151730m	0.476	ppbv		
60) o-Xylene	13.047	91	46131	0.152	ppbv		98
79) Naphthalene	21.387	128	64828m	0.327	ppbv		

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

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