Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL110922\
Data File : VL039860.D
Acq On : 9 Nov 2022 22:49
Operator : SY/AP
Sample : N5555-02
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Nov 10 03:52:44 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL110222AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 1
QLast Update : Thu Nov 03 09:27:12 2022
Response via : Initial Calibration

Instrument :
MSVOA_L
ClientSampleId :
IA-18F

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 11/10/2022
Supervised By :Mahesh Dadoda 11/11/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	5.179	49	943557	10.000	ppbv		0.00
33) 1,4-Difluorobenzene	6.632	114	2150641	10.000	ppbv		-0.01
55) Chlorobenzene-d5	11.436	117	1955332	10.000	ppbv		-0.02
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	13.744	95	1608894	10.993	ppbv		-0.02
Spiked Amount 10.000	Range 65 - 135		Recovery = 109.900%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	2.738	85	71903	0.451	ppbv		99
3) Chlorodifluoromethane	2.674	51	54104m	0.481	ppbv		
4) Chloromethane	2.822	50	29238	0.417	ppbv		98
9) Propene	2.713	41	57177	0.976	ppbv	#	74
11) Trichlorofluoromethane	3.562	101	28207	0.217	ppbv		97
13) Ethanol	3.246	45	4900904	1183.174	ppbv		93
15) Acetone	3.472	43	771858	6.721	ppbv		96
17) tert-Butyl alcohol	3.890	59	30644m	0.280	ppbv		
19) Isopropyl Alcohol	3.587	45	389532m	6.852	ppbv		
20) Methylene Chloride	3.931	84	362142	8.814	ppbv		96
26) Hexane	5.201	57	289852	2.748	ppbv	#	45
29) Chloroform	5.262	83	548339	3.697	ppbv		94
34) 2-Butanone	4.783	43	53643m	0.605	ppbv		
35) Carbon Tetrachloride	6.468	117	12085m	0.096	ppbv		
36) Benzene	6.349	78	41541m	0.229	ppbv		
44) 2,2,4-Trimethylpentane	7.304	57	33621m	0.110	ppbv		
53) Toluene	9.195	91	118009	0.567	ppbv		100
59) m/p-Xylene	12.314	91	50283m	0.228	ppbv		
69) p-Isopropyltoluene	16.966	119	178400	0.590	ppbv	#	92

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

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