Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL062422\
Data File : VL039347.D
Acq On : 24 Jun 2022 19:03
Operator : SY/AP
Sample : N3453-05
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jun 27 01:52:28 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL053122AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jun
QLast Update : Wed Jun 01 01:22:18 2022
Response via : Initial Calibration

Instrument :
MSVOA_L
ClientSampleId :
IA-1

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 06/27/2022
Supervised By :Mahesh Dadoda 06/30/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	5.661	49	1101699	10.000	ppbv		-0.01
33) 1,4-Difluorobenzene	7.169	114	3082317	10.000	ppbv		-0.01
55) Chlorobenzene-d5	12.079	117	2686547	10.000	ppbv		-0.01
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.407	95	2029890	9.139	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 91.400%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.044	85	43119m	0.223	ppbv		
3) Chlorodifluoromethane	2.989	51	71473m	0.510	ppbv		
4) Chloromethane	3.147	50	19799m	0.275	ppbv		
9) Propene	3.018	41	27241	0.446	ppbv		92
11) Trichlorofluoromethane	3.948	101	35497	0.203	ppbv		92
13) Ethanol	3.591	45	1470711	441.208	ppbv	#	100
15) Acetone	3.845	43	546283	4.760	ppbv		98
17) tert-Butyl alcohol	4.292	59	15861m	0.178	ppbv		
19) Isopropyl Alcohol	3.957	45	44706m	0.831	ppbv		
20) Methylene Chloride	4.340	84	429723	8.886	ppbv		91
26) Hexane	5.684	57	407510	3.585	ppbv	#	39
34) 2-Butanone	5.240	43	125237	0.748	ppbv		92
35) Carbon Tetrachloride	7.005	117	11569m	0.051	ppbv		
50) 4-Methyl-2-Pentanone	8.748	43	122539m	0.489	ppbv		
51) 2-Hexanone	10.143	43	56186	0.288	ppbv	#	98
52) Tetrachloroethene	11.217	164	5629m	0.058	ppbv		
53) Toluene	9.799	91	262624	0.911	ppbv		100
74) 1,2,4-Trimethylbenzene	16.754	105	66212m	0.183	ppbv		

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

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