Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL040722\
Data File : VL038844.D
Acq On : 7 Apr 2022 16:55
Operator : SY/AP
Sample : N2273-01
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Apr 08 05:25:39 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL040522AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Apr (
QLast Update : Wed Apr 06 06:12:53 2022
Response via : Initial Calibration

Instrument :
MSVOA_L
ClientSampleId :
1160-1A-1

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 04/09/2022
Supervised By :Mahesh Dadoda 04/11/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	5.690	49	1287908	10.000	ppbv	0.03
33) 1,4-Difluorobenzene	7.195	114	3174755	10.000	ppbv	0.02
55) Chlorobenzene-d5	12.105	117	2774519	10.000	ppbv	0.03
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.433	95	2166372	10.294	ppbv	0.03
Spiked Amount 10.000	Range 65 - 135		Recovery = 102.900%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.070	85	52286	0.286	ppbv	93
3) Chlorodifluoromethane	3.009	51	66983	0.426	ppbv	94
4) Chloromethane	3.160	50	36094	0.443	ppbv #	72
9) Propene	3.041	41	627142m	7.541	ppbv	
10) Heptane	8.143	43	104583	0.499	ppbv	99
11) Trichlorofluoromethane	3.973	101	35584	0.242	ppbv	99
13) Ethanol	3.623	45	281080m	55.618	ppbv	
15) Acetone	3.864	43	3019629	23.550	ppbv	97
19) Isopropyl Alcohol	3.986	45	121511	1.854	ppbv #	100
20) Methylene Chloride	4.365	84	156949	3.375	ppbv	89
26) Hexane	5.709	57	318241m	2.149	ppbv	
30) Cyclohexane	7.150	84	24702m	0.189	ppbv	
34) 2-Butanone	5.266	43	114991	0.917	ppbv	92
35) Carbon Tetrachloride	7.041	117	13746m	0.072	ppbv	
36) Benzene	6.912	78	94575	0.327	ppbv	96
44) 2,2,4-Trimethylpentane	7.889	57	110183m	0.225	ppbv	
50) 4-Methyl-2-Pentanone	8.774	43	102945m	0.365	ppbv	
52) Tetrachloroethene	11.246	164	61764m	0.612	ppbv	
53) Toluene	9.822	91	901119	2.703	ppbv	98
58) Ethyl Benzene	12.728	91	178528	0.431	ppbv	89
59) m/p-Xylene	12.983	91	553137m	1.588	ppbv	
60) o-Xylene	13.709	91	178935	0.549	ppbv	99
61) Styrene	13.548	104	164169	0.827	ppbv	93
74) 1,2,4-Trimethylbenzene	16.780	105	89051m	0.241	ppbv	

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

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