Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL121824\
Data File : VL041807.D
Acq On : 18 Dec 2024 22:37
Operator : SY/MD
Sample : P5295-01 4X
Misc : 400mL/MSVOA_L
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Dec 19 08:00:48 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL121624AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 2
QLast Update : Thu Dec 19 07:32:09 2024
Response via : Initial Calibration

Instrument :
MSVOA_L
ClientSampleId :
C0AC8

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 12/19/2024
Supervised By :Mahesh Dadoda 12/19/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	2.797	49	73010	10.000	ppbv	0.01
33) 1,4-Difluorobenzene	3.972	114	173625	10.000	ppbv	0.02
55) Chlorobenzene-d5	8.895	117	170332	10.000	ppbv	0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.387	95	135837	9.570	ppbv	0.01
Spiked Amount 10.000	Range 65 - 135		Recovery = 95.700%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.499	85	1539	0.118	ppbv	91
9) Propene	1.486	41	1398m	0.271	ppbv	
13) Ethanol	1.725	45	11589	27.120	ppbv #	34
15) Acetone	1.842	43	9724	0.685	ppbv	94
17) tert-Butyl alcohol	2.049	59	1952	0.139	ppbv #	78
19) Isopropyl Alcohol	1.894	45	7976	0.936	ppbv #	39
20) Methylene Chloride	2.068	84	1631	0.403	ppbv	92
25) Ethyl Acetate	2.849	43	3744	0.142	ppbv #	87
26) Hexane	2.842	57	1571	0.157	ppbv #	88
34) 2-Butanone	2.570	43	2830	0.203	ppbv	96
38) Trichloroethene	4.564	130	1098m	0.144	ppbv	
41) Tetrahydrofuran	3.078	42	1030	0.132	ppbv	93
52) Tetrachloroethene	8.241	164	184475	27.596	ppbv	93
53) Toluene	6.949	91	17152	0.842	ppbv	100
58) Ethyl Benzene	9.364	91	3771	0.123	ppbv	91
59) m/p-Xylene	9.542	91	8895m	0.361	ppbv	
60) o-Xylene	9.972	91	3367	0.136	ppbv	100

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

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