Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL121824\
Data File : VL041806.D
Acq On : 18 Dec 2024 22:06
Operator : SY/MD
Sample : P5292-02 4X
Misc : 400mL/MSVOA_L
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Dec 19 08:00:22 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 :
C0AC6

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	2.800	49	72264	10.000	ppbv	0.02
33) 1,4-Difluorobenzene	3.975	114	174871	10.000	ppbv	0.02
55) Chlorobenzene-d5	8.898	117	162352	10.000	ppbv	0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.390	95	134435	9.937	ppbv	0.02
Spiked Amount 10.000	Range 65 - 135		Recovery = 99.400%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.502	85	2378	0.185	ppbv	97
9) Propene	1.492	41	1211	0.237	ppbv	99
11) Trichlorofluoromethane	1.884	101	3527	0.258	ppbv	99
13) Ethanol	1.729	45	9109	21.537	ppbv #	34
15) Acetone	1.842	43	12972	0.923	ppbv	98
17) tert-Butyl alcohol	2.049	59	1884m	0.135	ppbv	
19) Isopropyl Alcohol	1.894	45	48517	5.751	ppbv #	38
20) Methylene Chloride	2.068	84	2394	0.597	ppbv #	92
25) Ethyl Acetate	2.848	43	6362	0.243	ppbv #	96
26) Hexane	2.842	57	2624	0.264	ppbv #	85
29) Chloroform	2.861	83	1784	0.118	ppbv	84
32) 1,1,1-Trichloroethane	3.383	97	8367	0.544	ppbv	94
34) 2-Butanone	2.573	43	2587	0.184	ppbv	99
53) Toluene	6.956	91	15703	0.766	ppbv	95
58) Ethyl Benzene	9.367	91	3037m	0.104	ppbv	
59) m/p-Xylene	9.545	91	7778m	0.331	ppbv	
60) o-Xylene	9.979	91	3105m	0.132	ppbv	

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

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