Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL121824\
Data File : VL041802.D
Acq On : 18 Dec 2024 19:58
Operator : SY/MD
Sample : P5294-01
Misc : 400mL/MSVOA_L
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Dec 19 07:58:37 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 :
C0AB6

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	77034	10.000	ppbv		0.01
33) 1,4-Difluorobenzene	3.971	114	192884	10.000	ppbv		0.02
55) Chlorobenzene-d5	8.894	117	185181	10.000	ppbv		0.02
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	10.390	95	150031	9.722	ppbv		0.02
Spiked Amount 10.000	Range 65 - 135		Recovery = 97.200%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.502	85	4687	0.342	ppbv		96
3) Chlorodifluoromethane	1.479	51	3166m	0.252	ppbv		
4) Chloromethane	1.534	50	2543	0.474	ppbv		96
9) Propene	1.492	41	9245m	1.698	ppbv		
10) Heptane	5.001	43	3400m	0.243	ppbv		
11) Trichlorofluoromethane	1.884	101	2709	0.186	ppbv		96
13) Ethanol	1.725	45	8754	19.416	ppbv		94
15) Acetone	1.842	43	46647	3.112	ppbv		93
17) tert-Butyl alcohol	2.049	59	7709	0.518	ppbv		96
19) Isopropyl Alcohol	1.890	45	11560	1.285	ppbv	#	30
20) Methylene Chloride	2.068	84	1379	0.323	ppbv	#	76
25) Ethyl Acetate	2.852	43	11451	0.411	ppbv	#	92
30) Cyclohexane	3.878	84	1918m	0.213	ppbv		
34) 2-Butanone	2.570	43	10728	0.691	ppbv		96
35) Carbon Tetrachloride	3.784	117	734m	0.054	ppbv		
36) Benzene	3.670	78	4321	0.217	ppbv		93
41) Tetrahydrofuran	3.075	42	5402	0.621	ppbv		97
44) 2,2,4-Trimethylpentane	4.661	57	3553m	0.104	ppbv		
50) 4-Methyl-2-Pentanone	5.797	43	4749m	0.225	ppbv		
53) Toluene	6.956	91	82132	3.631	ppbv		99
57) Chlorobenzene	8.937	112	2231m	0.118	ppbv		
58) Ethyl Benzene	9.367	91	11534	0.346	ppbv		95
59) m/p-Xylene	9.545	91	34427m	1.284	ppbv		
60) o-Xylene	9.979	91	13407	0.499	ppbv		96
61) Styrene	9.882	104	3334	0.287	ppbv		99

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

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