Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL012324\
Data File : VL041000.D
Acq On : 23 Jan 2024 17:26
Operator : SY/MD
Sample : P1211-02
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jan 24 01:00:33 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL012324AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 1
QLast Update : Wed Jan 24 00:50:15 2024
Response via : Initial Calibration

Instrument :
MSVOA_L
ClientSampleId :
IA1

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	5.160	49	1025563	10.000	ppbv		0.00
33) 1,4-Difluorobenzene	6.616	114	2627949	10.000	ppbv		0.00
55) Chlorobenzene-d5	11.423	117	2213183	10.000	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	13.732	95	1658588	9.922	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 99.200%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	2.703	85	100469	0.444	ppbv		99
4) Chloromethane	2.787	50	29761	0.460	ppbv		93
7) Chloroethane	3.169	64	33549	1.470	ppbv	#	87
9) Propene	2.677	41	291757m	5.157	ppbv		
10) Heptane	7.539	43	54506	0.391	ppbv		98
11) Trichlorofluoromethane	3.536	101	39251m	0.215	ppbv		
12) 1,1,2-Trichlorotrifluo...	4.034	101	9438m	0.071	ppbv		
13) Ethanol	3.218	45	5198219	385.496	ppbv		94
15) Acetone	3.433	43	6525683	49.758	ppbv		98
19) Isopropyl Alcohol	3.558	45	14647900	192.947	ppbv	#	95
20) Methylene Chloride	3.903	84	160023	3.171	ppbv		96
26) Hexane	5.179	57	163424	1.612	ppbv	#	47
29) Chloroform	5.240	83	23996m	0.133	ppbv		
34) 2-Butanone	4.748	43	737208	5.888	ppbv		99
35) Carbon Tetrachloride	6.462	117	12832m	0.073	ppbv		
36) Benzene	6.337	78	54471m	0.251	ppbv		
41) Tetrahydrofuran	5.513	42	1568130	18.447	ppbv		97
44) 2,2,4-Trimethylpentane	7.282	57	47250	0.129	ppbv	#	81
52) Tetrachloroethene	10.574	164	9165m	0.127	ppbv		
53) Toluene	9.182	91	443447	1.865	ppbv		98
58) Ethyl Benzene	12.047	91	35516m	0.120	ppbv		
59) m/p-Xylene	12.307	91	107689m	0.416	ppbv		
60) o-Xylene	13.018	91	38489m	0.155	ppbv		
74) 1,2,4-Trimethylbenzene	16.076	105	33735m	0.121	ppbv		

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

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