Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL020924\
Data File : VL041056.D
Acq On : 9 Feb 2024 13:47
Operator : SY/MD
Sample : P1420-02
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Feb 12 00:46:22 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 : Mon Feb 12 00:40:04 2024
Response via : Initial Calibration

Instrument :
MSVOA_L
ClientSampleId :
IA3

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	5.185	49	1121373	10.000	ppbv		0.00
33) 1,4-Difluorobenzene	6.645	114	3126462	10.000	ppbv		0.00
55) Chlorobenzene-d5	11.458	117	2816865	10.000	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	13.767	95	2107313	9.905	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 99.000%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	2.722	85	119181	0.481	ppbv		95
3) Chlorodifluoromethane	2.668	51	60638m	0.322	ppbv		
4) Chloromethane	2.803	50	62532	0.885	ppbv		89
11) Trichlorofluoromethane	3.558	101	40697	0.204	ppbv		91
13) Ethanol	3.240	45	10328648	700.521	ppbv		97
15) Acetone	3.459	43	2368831	16.519	ppbv		98
17) tert-Butyl alcohol	3.886	59	47192m	0.401	ppbv		
19) Isopropyl Alcohol	3.581	45	4628087	55.754	ppbv	#	96
20) Methylene Chloride	3.925	84	1761416	31.921	ppbv		97
26) Hexane	5.205	57	2026899	18.288	ppbv	#	38
29) Chloroform	5.266	83	117810	0.599	ppbv		94
30) Cyclohexane	6.594	84	8951m	0.096	ppbv		
34) 2-Butanone	4.783	43	37075	0.249	ppbv		91
35) Carbon Tetrachloride	6.481	117	12871m	0.062	ppbv		
36) Benzene	6.362	78	114692	0.444	ppbv		94
44) 2,2,4-Trimethylpentane	7.320	57	52663	0.121	ppbv	#	80
53) Toluene	9.214	91	150819	0.533	ppbv		98
59) m/p-Xylene	12.368	91	145616m	0.442	ppbv		
74) 1,2,4-Trimethylbenzene	16.105	105	27276m	0.077	ppbv		
76) 1,4-Dichlorobenzene	16.458	146	14755m	0.074	ppbv		

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

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