

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL091823\
 Data File : VL040700.D
 Acq On : 18 Sep 2023 15:43
 Operator : SY/MD
 Sample : 04402-01DUP
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 ST-1DUP

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 09/19/2023
 Supervised By :Mahesh Dadoda 09/19/2023

Quant Time: Sep 19 05:18:57 2023

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091423AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2

QLast Update : Tue Sep 19 05:12:43 2023

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Bromochloromethane	5.214	49	979359	10.000	ppbv	0.02
33) 1,4-Difluorobenzene	6.674	114	2672092	10.000	ppbv	0.01
55) Chlorobenzene-d5	11.484	117	2173865	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.796	95	1648860	9.817	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.200%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.748	85	108544	0.503	ppbv	92
3) Chlorodifluoromethane	2.697	51	55957m	0.351	ppbv	
4) Chloromethane	2.835	50	37052	0.607	ppbv #	88
9) Propene	2.723	41	61183m	1.331	ppbv	
10) Heptane	7.600	43	25068m	0.242	ppbv	
11) Trichlorofluoromethane	3.587	101	46952	0.248	ppbv	92
13) Ethanol	3.263	45	238977	17.566	ppbv	95
15) Acetone	3.491	43	904832m	7.004	ppbv	
19) Isopropyl Alcohol	3.607	45	132768	1.706	ppbv #	77
20) Methylene Chloride	3.954	84	384089	5.524	ppbv	96
26) Hexane	5.237	57	654915	6.648	ppbv #	39
29) Chloroform	5.298	83	19152m	0.113	ppbv	
30) Cyclohexane	6.626	84	11960m	0.161	ppbv	
34) 2-Butanone	4.819	43	63401	0.472	ppbv	92
35) Carbon Tetrachloride	6.517	117	12655m	0.069	ppbv	
36) Benzene	6.388	78	121541	0.614	ppbv	93
44) 2,2,4-Trimethylpentane	7.346	57	272454	0.865	ppbv #	89
53) Toluene	9.240	91	596369	2.855	ppbv	99
59) m/p-Xylene	12.368	91	51939m	0.223	ppbv	
60) o-Xylene	13.069	91	23447m	0.106	ppbv	
74) 1,2,4-Trimethylbenzene	16.127	105	38497m	0.141	ppbv	

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

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