

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL090523\
 Data File : VL040655.D
 Acq On : 5 Sep 2023 20:20
 Operator : SY/MD
 Sample : 04261-02
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 OA1

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 09/06/2023
 Supervised By :Mahesh Dadoda 09/06/2023

Quant Time: Sep 06 02:07:40 2023

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL081523AIR.M

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

QLast Update : Wed Aug 16 05:43:50 2023

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.185	49	805030	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.648	114	2036999	10.000	ppbv	-0.01
55) Chlorobenzene-d5	11.468	117	1883316	10.000	ppbv	-0.01
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.777	95	1511568	10.092	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.900%
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.716	85	79710	0.460	ppbv	90
3) Chlorodifluoromethane	2.661	51	47960m	0.363	ppbv	
4) Chloromethane	2.800	50	64776	1.256	ppbv	96
7) Chloroethane	3.185	64	3282	0.164	ppbv #	73
9) Propene	2.684	41	34281	0.837	ppbv	93
11) Trichlorofluoromethane	3.552	101	34961	0.250	ppbv	85
13) Ethanol	3.230	45	581401	50.865	ppbv	97
15) Acetone	3.452	43	1899901	19.295	ppbv	100
20) Methylene Chloride	3.922	84	3628474	75.407	ppbv	94
26) Hexane	5.208	57	2365766	26.441	ppbv #	41
29) Chloroform	5.269	83	104567	0.738	ppbv	97
34) 2-Butanone	4.780	43	177537	1.728	ppbv	97
35) Carbon Tetrachloride	6.488	117	14568m	0.114	ppbv	
36) Benzene	6.362	78	56861	0.351	ppbv #	88
44) 2,2,4-Trimethylpentane	7.324	57	42084	0.161	ppbv #	61
52) Tetrachloroethene	10.600	164	3022m	0.060	ppbv	
53) Toluene	9.221	91	119220	0.692	ppbv	99
59) m/p-Xylene	12.343	91	55234m	0.267	ppbv	
60) o-Xylene	13.060	91	21722m	0.111	ppbv	
74) 1,2,4-Trimethylbenzene	16.117	105	25044m	0.108	ppbv	

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

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