

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL110823\
 Data File : VL040819.D
 Acq On : 8 Nov 2023 20:32
 Operator : SY/MD
 Sample : 05276-01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SH-OA-1

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 11/11/2023
 Supervised By :Mahesh Dadoda 11/13/2023

Quant Time: Nov 09 00:33:11 2023

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL101123AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2023

QLast Update : Thu Nov 09 00:25:02 2023

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.211	49	1012848	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.661	114	2532374	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.462	117	2123380	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	13.767	95	1524447	9.757	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.600%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.777	85	107223m	0.601	ppbv	
3) Chlorodifluoromethane	2.722	51	58289m	0.392	ppbv	
4) Chloromethane	2.857	50	29665	0.505	ppbv	97
9) Propene	2.748	41	86828m	1.570	ppbv	
10) Heptane	7.584	43	25793m	0.186	ppbv	
11) Trichlorofluoromethane	3.600	101	34772	0.253	ppbv	92
13) Ethanol	3.279	45	323459	25.917	ppbv	99
15) Acetone	3.507	43	424036m	4.050	ppbv	
19) Isopropyl Alcohol	3.623	45	167413	2.484	ppbv #	42
20) Methylene Chloride	3.963	84	388744	8.913	ppbv	96
26) Hexane	5.234	57	1205720	11.499	ppbv #	41
34) 2-Butanone	4.819	43	54963	0.479	ppbv	92
35) Carbon Tetrachloride	6.504	117	11133m	0.078	ppbv	
36) Benzene	6.381	78	96499	0.495	ppbv	97
44) 2,2,4-Trimethylpentane	7.336	57	97569m	0.296	ppbv	
52) Tetrachloroethene	10.610	164	3090m	0.039	ppbv	
53) Toluene	9.224	91	184651	0.797	ppbv	98
58) Ethyl Benzene	12.089	91	39187m	0.147	ppbv	
59) m/p-Xylene	12.343	91	94018m	0.427	ppbv	
60) o-Xylene	13.056	91	35147m	0.168	ppbv	
74) 1,2,4-Trimethylbenzene	16.098	105	38414m	0.163	ppbv	

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

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