

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL122123\
 Data File : VL040929.D
 Acq On : 21 Dec 2023 14:33
 Operator : SY/MD
 Sample : 05813-03
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 10158

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 12/22/2023
 Supervised By : Mahesh Dadoda 12/26/2023

Quant Time: Dec 22 00:07:11 2023

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL122023AIR.M

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

QLast Update : Thu Dec 21 07:32:42 2023

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	5.188	49	1120840	10.000	ppbv	0.01
33) 1,4-Difluorobenzene	6.639	114	2843661	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.439	117	2376742	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.744 95 1740507 9.942 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 99.400%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.751	85	108696	0.509	ppbv	99
3) Chlorodifluoromethane	2.697	51	58735	0.348	ppbv #	89
4) Chloromethane	2.832	50	35361	0.569	ppbv	94
9) Propene	2.729	41	72866m	1.309	ppbv	
10) Heptane	7.558	43	15498m	0.112	ppbv	
11) Trichlorofluoromethane	3.571	101	40678m	0.244	ppbv	
13) Ethanol	3.253	45	147787	10.526	ppbv	94
15) Acetone	3.481	43	908614	6.759	ppbv	99
19) Isopropyl Alcohol	3.597	45	127193	1.813	ppbv #	89
20) Methylene Chloride	3.938	84	1242795	25.937	ppbv	98
25) Ethyl Acetate	5.208	43	890541	3.823	ppbv #	77
26) Hexane	5.211	57	1261557	12.221	ppbv #	39
34) 2-Butanone	4.793	43	37126m	0.247	ppbv	
35) Carbon Tetrachloride	6.475	117	13001m	0.073	ppbv	
36) Benzene	6.359	78	43136m	0.194	ppbv	
52) Tetrachloroethene	10.587	164	6069m	0.081	ppbv	
53) Toluene	9.201	91	197214	0.800	ppbv	99
59) m/p-Xylene	12.310	91	44055m	0.170	ppbv	

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

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