

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL122921\
 Data File : VL038247.D
 Acq On : 30 Dec 2021 00:33
 Operator : SY/AP
 Sample : M5252-02
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-2

Manual Integrations
 APPROVED

Reviewed By :Amit
 Patel

12/30/2021

Supervised By :Semsettin
 Yesilyurt

01/02/2022

Quant Time: Dec 30 06:20:43 2021

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL122121AIR.M

Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Tue Dec 21 17:47:08 2021

QLast Update : Tue Dec 21 17:47:08 2021

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	5.674	49	662203	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	7.182	114	1612436	10.000	ppbv	0.00
55) Chlorobenzene-d5	12.089	117	1382340	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 14.416 95 1154192 10.835 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 108.400%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	3.060	85	58975	0.473	ppbv	93
3) Chlorodifluoromethane	3.002	51	78101m	0.561	ppbv	
4) Chloromethane	3.153	50	20080	0.416	ppbv	92
9) Propene	3.031	41	114173m	2.363	ppbv	
10) Heptane	8.131	43	44443m	0.363	ppbv	
11) Trichlorofluoromethane	3.960	101	68125	0.594	ppbv	96
13) Ethanol	3.629	45	8343900	1018.606	ppbv #	100
15) Acetone	3.854	43	5493701	82.663	ppbv	98
19) Isopropyl Alcohol	3.992	45	3889290	93.825	ppbv	99
20) Methylene Chloride	4.353	84	436615	11.636	ppbv	94
26) Hexane	5.693	57	376080	4.163	ppbv #	55
30) Cyclohexane	7.134	84	11245m	0.141	ppbv	
32) 1,1,1-Trichloroethane	6.516	97	12472m	0.094	ppbv	
34) 2-Butanone	5.253	43	36488	0.753	ppbv	98
35) Carbon Tetrachloride	7.024	117	9049	0.091	ppbv	92
36) Benzene	6.893	78	50036m	0.333	ppbv	
38) Trichloroethene	7.838	130	341481	5.966	ppbv	95
44) 2,2,4-Trimethylpentane	7.870	57	134566	0.527	ppbv #	83
52) Tetrachloroethene	11.227	164	152796	2.752	ppbv	98
53) Toluene	9.809	91	160097	0.923	ppbv	100
58) Ethyl Benzene	12.712	91	166249	0.775	ppbv	94
59) m/p-Xylene	12.970	91	538822	2.938	ppbv	96
60) o-Xylene	13.693	91	111794	0.658	ppbv	99
61) Styrene	13.529	104	13343m	0.155	ppbv	
74) 1,2,4-Trimethylbenzene	16.767	105	29833m	0.162	ppbv	

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

