

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL121922\
 Data File : VL040032.D
 Acq On : 19 Dec 2022 17:32
 Operator : SY/MD
 Sample : N6059-02DUP
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA1DUP

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 12/20/2022
 Supervised By : Mahesh Dadoda 12/20/2022

Quant Time: Dec 20 05:13:53 2022

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL121922AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 12 2022

QLast Update : Tue Dec 20 04:50:21 2022

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.169	49	993059	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.632	114	2770696	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.446	117	2391307	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.761	95	1797926	9.843	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.400%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.710	85	35795	0.193	ppbv	97
3) Chlorodifluoromethane	2.661	51	34312m	0.234	ppbv	
4) Chloromethane	2.796	50	35960	0.392	ppbv	96
9) Propene	2.690	41	124876m	2.008	ppbv	
10) Heptane	7.562	43	70646m	0.466	ppbv	
11) Trichlorofluoromethane	3.546	101	34861	0.173	ppbv	85
13) Ethanol	3.218	45	1057337	180.673	ppbv	98
15) Acetone	3.446	43	1657012	10.786	ppbv	96
19) Isopropyl Alcohol	3.558	45	360770	4.765	ppbv #	1
20) Methylene Chloride	3.915	84	152771	2.340	ppbv	94
26) Hexane	5.192	57	202973	1.815	ppbv #	56
29) Chloroform	5.256	83	20710	0.121	ppbv	97
30) Cyclohexane	6.578	84	29825m	0.301	ppbv	
34) 2-Butanone	4.777	43	30036m	0.200	ppbv	
35) Carbon Tetrachloride	6.472	117	10257m	0.060	ppbv	
36) Benzene	6.346	78	85636	0.346	ppbv	96
44) 2,2,4-Trimethylpentane	7.304	57	120590	0.296	ppbv #	81
53) Toluene	9.198	91	391009	1.427	ppbv	99
58) Ethyl Benzene	12.069	91	104540m	0.308	ppbv	
59) m/p-Xylene	12.327	91	319232	1.079	ppbv	98
60) o-Xylene	13.040	91	139883	0.493	ppbv	96
64) n-propylbenzene	14.902	120	18359m	0.178	ppbv	
72) 4-Ethyltoluene	15.179	105	95788m	0.304	ppbv	
73) 1,3,5-Trimethylbenzene	15.336	105	88520	0.312	ppbv	91
74) 1,2,4-Trimethylbenzene	16.089	105	318289m	1.017	ppbv	
79) Naphthalene	21.371	128	21586m	0.116	ppbv	

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

