

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL121222\
 Data File : VL040000.D
 Acq On : 13 Dec 2022 6:49
 Operator : SY/MD
 Sample : N5969-05
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SG-3

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 12/14/2022
 Supervised By : Mahesh Dadoda 12/14/2022

Quant Time: Dec 13 07:58:34 2022

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL111822AIR.M

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

QLast Update : Fri Dec 02 23:21:36 2022

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.173	49	852624	10.000	ppbv	0.02
33) 1,4-Difluorobenzene	6.632	114	2476204	10.000	ppbv	0.01
55) Chlorobenzene-d5	11.449	117	2271040	10.000	ppbv	0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.757	95	1825586	10.524	ppbv	0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	105.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.706	85	23319	0.191	ppbv #	80
3) Chlorodifluoromethane	2.655	51	11221	0.095	ppbv #	85
4) Chloromethane	2.790	50	17135	0.228	ppbv	94
7) Chloroethane	3.179	64	13151	0.566	ppbv #	83
11) Trichlorofluoromethane	3.546	101	47859	0.321	ppbv #	79
13) Ethanol	3.221	45	114614	27.087	ppbv	94
15) Acetone	3.443	43	4055292	35.859	ppbv	95
17) tert-Butyl alcohol	3.870	59	100535m	0.773	ppbv	
19) Isopropyl Alcohol	3.562	45	101826	1.663	ppbv #	29
20) Methylene Chloride	3.912	84	477344	8.712	ppbv	98
26) Hexane	5.195	57	353117	3.893	ppbv #	38
29) Chloroform	5.253	83	28787	0.239	ppbv	99
30) Cyclohexane	6.584	84	14366m	0.161	ppbv	
34) 2-Butanone	4.767	43	674855	5.696	ppbv	98
36) Benzene	6.349	78	185962	0.884	ppbv	93
38) Trichloroethene	7.275	130	11940m	0.101	ppbv	
52) Tetrachloroethene	10.600	164	3486301	44.277	ppbv	97
53) Toluene	9.201	91	172340	0.719	ppbv	99
58) Ethyl Benzene	12.069	91	43616m	0.142	ppbv	
59) m/p-Xylene	12.327	91	120542m	0.467	ppbv	
60) o-Xylene	13.047	91	44609m	0.181	ppbv	
74) 1,2,4-Trimethylbenzene	16.092	105	49908	0.186	ppbv #	63
79) Naphthalene	21.368	128	45763m	0.285	ppbv	

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

