

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL121322\
 Data File : VL040017.D
 Acq On : 13 Dec 2022 22:51
 Operator : SY/MD
 Sample : N5971-02
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SS-5

Manual Integrations
 APPROVED

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

Quant Time: Dec 14 03:59:18 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	5.179	49	955038	10.000	ppbv	0.02
33) 1,4-Difluorobenzene	6.642	114	2595445	10.000	ppbv	0.02
55) Chlorobenzene-d5	11.455	117	2449205	10.000	ppbv	0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.767	95	1866125	9.975	ppbv	0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.716	85	38109	0.279	ppbv	91
3) Chlorodifluoromethane	2.661	51	70259	0.533	ppbv #	91
4) Chloromethane	2.787	50	120548m	1.431	ppbv	
6) Bromomethane	3.105	94	6304	0.281	ppbv	88
9) Propene	2.684	41	484955	7.812	ppbv	84
11) Trichlorofluoromethane	3.549	101	35584	0.213	ppbv	93
13) Ethanol	3.237	45	12952925	2732.941	ppbv	92
15) Acetone	3.449	43	5843852	46.133	ppbv	100
20) Methylene Chloride	3.918	84	342237	5.576	ppbv	96
26) Hexane	5.201	57	372678	3.668	ppbv #	47
30) Cyclohexane	6.594	84	65286	0.655	ppbv	87
35) Carbon Tetrachloride	6.478	117	9261m	0.063	ppbv	
36) Benzene	6.356	78	167768	0.760	ppbv #	92
52) Tetrachloroethene	10.600	164	3033m	0.037	ppbv	
53) Toluene	9.211	91	376581	1.498	ppbv	98
59) m/p-Xylene	12.343	91	306728m	1.103	ppbv	
60) o-Xylene	13.047	91	107911m	0.407	ppbv	
61) Styrene	12.886	104	114723	0.725	ppbv	98
74) 1,2,4-Trimethylbenzene	16.101	105	62899	0.218	ppbv #	75

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

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