

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL071222\
 Data File : VL039456.D
 Acq On : 12 Jul 2022 20:13
 Operator : SY/AP
 Sample : N3660-07 2X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SG-6

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 07/13/2022
 Supervised By :Mahesh Dadoda 07/13/2022

Quant Time: Jul 13 01:39:36 2022

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL062922AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jul 13 11:31:23 2022

QLast Update : Wed Jul 06 02:15:38 2022

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.684	49	1505533	10.000	ppbv	0.03
33) 1,4-Difluorobenzene	7.192	114	4199229	10.000	ppbv	0.04
55) Chlorobenzene-d5	12.105	117	3726810	10.000	ppbv	0.04
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.433	95	2889529	10.451	ppbv	0.04
Spiked Amount	10.000	Range	65 - 135	Recovery	=	104.500%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.063	85	53060	0.244	ppbv	98
3) Chlorodifluoromethane	3.009	51	21822m	0.114	ppbv	
9) Propene	3.041	41	18348m	0.213	ppbv	
10) Heptane	8.140	43	32279m	0.160	ppbv	
11) Trichlorofluoromethane	3.964	101	26884m	0.111	ppbv	
13) Ethanol	3.623	45	36685m	7.330	ppbv	
15) Acetone	3.870	43	486382	2.731	ppbv #	88
17) tert-Butyl alcohol	4.317	59	24363m	0.161	ppbv	
19) Isopropyl Alcohol	3.993	45	25680m	0.270	ppbv	
20) Methylene Chloride	4.356	84	60956m	0.859	ppbv	
26) Hexane	5.706	57	104079m	0.707	ppbv	
29) Chloroform	5.767	83	87612	0.342	ppbv	99
34) 2-Butanone	5.269	43	55547m	0.263	ppbv	
52) Tetrachloroethene	11.240	164	159484	1.219	ppbv	91
53) Toluene	9.825	91	157043	0.419	ppbv	100
58) Ethyl Benzene	12.729	91	174819	0.363	ppbv	97
59) m/p-Xylene	12.983	91	655277m	1.545	ppbv	
60) o-Xylene	13.709	91	351667	0.875	ppbv	98
65) tert-Butylbenzene	16.783	119	120719m	0.214	ppbv	
69) p-Isopropyltoluene	17.664	119	71519m	0.111	ppbv	
72) 4-Ethyltoluene	15.857	105	225969	0.478	ppbv	98
73) 1,3,5-Trimethylbenzene	16.015	105	331115m	0.763	ppbv	
74) 1,2,4-Trimethylbenzene	16.777	105	1043630	2.175	ppbv #	70

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

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