

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL080723\
 Data File : VL040597.D
 Acq On : 7 Aug 2023 13:54
 Operator : SY/MD
 Sample : 03907-01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 OA-1

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 08/08/2023
 Supervised By : Mahesh Dadoda 08/09/2023

Quant Time: Aug 08 01:41:03 2023

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL071023AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 4 2023

QLast Update : Mon Jul 10 16:32:00 2023

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.195	49	995802	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.658	114	2443936	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.475	117	2213480	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.783	95	1838768	10.496	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	105.000%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.729	85	79293	0.398	ppbv	97
3) Chlorodifluoromethane	2.674	51	50185	0.318	ppbv	95
4) Chloromethane	2.813	50	31980	0.511	ppbv #	79
9) Propene	2.694	41	45557	0.843	ppbv	97
10) Heptane	7.584	43	28115m	0.236	ppbv	
11) Trichlorofluoromethane	3.562	101	40454	0.252	ppbv	99
13) Ethanol	3.234	45	1241556	105.604	ppbv	99
15) Acetone	3.462	43	4086101	35.648	ppbv	98
19) Isopropyl Alcohol	3.575	45	1112408	16.905	ppbv #	92
20) Methylene Chloride	3.935	84	529525	10.860	ppbv	93
26) Hexane	5.214	57	722467	7.126	ppbv #	48
32) 1,1,1-Trichloroethane	5.999	97	15682m	0.095	ppbv	
34) 2-Butanone	4.793	43	146629	1.214	ppbv	96
35) Carbon Tetrachloride	6.494	117	12073m	0.082	ppbv	
36) Benzene	6.372	78	106182	0.540	ppbv	97
44) 2,2,4-Trimethylpentane	7.336	57	102245	0.323	ppbv #	72
50) 4-Methyl-2-Pentanone	8.192	43	330379	1.883	ppbv	93
52) Tetrachloroethene	10.632	164	4172m	0.066	ppbv	
53) Toluene	9.227	91	2346313	10.985	ppbv	100
58) Ethyl Benzene	12.102	91	302305	1.088	ppbv	95
59) m/p-Xylene	12.356	91	1180641	4.762	ppbv	100
60) o-Xylene	13.066	91	370995	1.571	ppbv	96
61) Styrene	12.905	104	17153m	0.157	ppbv	
72) 4-Ethyltoluene	15.208	105	48461m	0.175	ppbv	
73) 1,3,5-Trimethylbenzene	15.359	105	34723m	0.142	ppbv	
74) 1,2,4-Trimethylbenzene	16.114	105	123419m	0.434	ppbv	

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

