

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL092122\
 Data File : VL039657.D
 Acq On : 22 Sep 2022 5:34
 Operator : SY/AP
 Sample : N4669-09
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 C0PG1

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 09/28/2022
 Supervised By :Mahesh Dadoda 09/28/2022

Quant Time: Sep 22 08:27:21 2022

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091922AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2

QLast Update : Mon Sep 19 14:26:28 2022

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.224	49	1007009	10.000	ppbv	0.02
33) 1,4-Difluorobenzene	6.684	114	2555303	10.000	ppbv	0.02
55) Chlorobenzene-d5	11.497	117	2433337	10.000	ppbv	0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.802 95 1864044 10.262 ppbv 0.03
 Spiked Amount 10.000 Range 65 - 135 Recovery = 102.600%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.764	85	71527	0.613	ppbv	92
3) Chlorodifluoromethane	2.709	51	68286	0.571	ppbv	93
4) Chloromethane	2.848	50	33617	0.466	ppbv #	86
11) Trichlorofluoromethane	3.600	101	36459	0.252	ppbv	93
13) Ethanol	3.272	45	1849664	444.780	ppbv	71
15) Acetone	3.500	43	2358877	21.051	ppbv	94
20) Methylene Chloride	3.967	84	58975	1.138	ppbv	97
26) Hexane	5.246	57	194229	1.873	ppbv #	61
38) Trichloroethene	7.317	130	907412	8.594	ppbv	98
41) Tetrahydrofuran	5.594	42	187866	2.440	ppbv	97
44) 2,2,4-Trimethylpentane	7.352	57	170611m	0.507	ppbv	
52) Tetrachloroethene	10.651	164	6468467	86.788	ppbv	96
53) Toluene	9.249	91	361016	1.662	ppbv	100
58) Ethyl Benzene	12.114	91	54512m	0.194	ppbv	
59) m/p-Xylene	12.375	91	214925m	0.861	ppbv	
60) o-Xylene	13.088	91	79805	0.335	ppbv	98
72) 4-Ethyltoluene	15.220	105	112667	0.414	ppbv #	97
73) 1,3,5-Trimethylbenzene	15.378	105	85650	0.344	ppbv	89
74) 1,2,4-Trimethylbenzene	16.130	105	308512m	1.105	ppbv	

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

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