

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL092122\
 Data File : VL039665.D
 Acq On : 22 Sep 2022 11:40
 Operator : SY/AP
 Sample : N4669-12
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 C0PG4

Manual Integrations
 APPROVED

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

Quant Time: Sep 22 12:13:44 2022

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

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri 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	5.227	49	958693	10.000	ppbv	0.02
33) 1,4-Difluorobenzene	6.687	114	2418561	10.000	ppbv	0.03
55) Chlorobenzene-d5	11.497	117	2309167	10.000	ppbv	0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.805 95 1710327 9.922 ppbv 0.03
 Spiked Amount 10.000 Range 65 - 135 Recovery = 99.200%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.767	85	17810m	0.160	ppbv	
3) Chlorodifluoromethane	2.713	51	44772	0.394	ppbv #	85
4) Chloromethane	2.851	50	32257	0.470	ppbv	99
9) Propene	2.732	41	37579m	0.723	ppbv	
11) Trichlorofluoromethane	3.597	101	40151	0.292	ppbv	93
12) 1,1,2-Trichlorotrifluo...	4.108	101	7928m	0.076	ppbv	
13) Ethanol	3.282	45	3275210	827.267	ppbv	70
15) Acetone	3.500	43	3321057	31.131	ppbv	95
20) Methylene Chloride	3.970	84	983002	19.930	ppbv	96
26) Hexane	5.246	57	741504	7.512	ppbv #	48
29) Chloroform	5.311	83	32291m	0.227	ppbv	
34) 2-Butanone	4.825	43	414878	3.492	ppbv	99
36) Benzene	6.401	78	67120	0.363	ppbv	92
38) Trichloroethene	7.327	130	422611	4.229	ppbv	96
41) Tetrahydrofuran	5.594	42	129985	1.784	ppbv	98
44) 2,2,4-Trimethylpentane	7.362	57	226386	0.710	ppbv	91
52) Tetrachloroethene	10.654	164	5236751	74.234	ppbv	95
53) Toluene	9.253	91	785123	3.818	ppbv	98
58) Ethyl Benzene	12.121	91	77720m	0.292	ppbv	
59) m/p-Xylene	12.381	91	252901m	1.067	ppbv	
60) o-Xylene	13.088	91	90837	0.401	ppbv	97
73) 1,3,5-Trimethylbenzene	15.384	105	49147	0.208	ppbv	99

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

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