

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL100422\
 Data File : VL039689.D
 Acq On : 4 Oct 2022 20:22
 Operator : SY/AP
 Sample : N4955-14 LOQ 0.5
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 LOQ-AIR-02-QT4-2022

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 10/07/2022
 Supervised By :Mahesh Dadoda 10/07/2022

Quant Time: Oct 05 04:42:22 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	5.208	49	945211	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.668	114	2485938	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.471	117	2184529	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.783	95	1586046	9.726	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.300%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.755	85	7143m	0.065	ppbv	
3) Chlorodifluoromethane	2.706	51	9557	0.085	ppbv	94
4) Chloromethane	2.841	50	6380m	0.094	ppbv	
7) Chloroethane	3.237	64	1183m	0.057	ppbv	
8) Dichlorotetrafluoroethane	2.880	85	4335	0.033	ppbv	84
9) Propene	2.732	41	7517	0.147	ppbv	100
11) Trichlorofluoromethane	3.584	101	7912m	0.058	ppbv	
12) 1,1,2-Trichlorotrifluo...	4.089	101	4671m	0.046	ppbv	
13) Ethanol	3.266	45	4741m	1.215	ppbv	
14) Bromoethene	3.385	108	1267m	0.031	ppbv	
15) Acetone	3.497	43	45903	0.436	ppbv	90
16) 1,3-Butadiene	3.025	39	2981m	0.056	ppbv	
19) Isopropyl Alcohol	3.620	45	2726m	0.051	ppbv	
20) Methylene Chloride	3.957	84	252713	5.197	ppbv	98
21) Allyl Chloride	4.005	41	4011m	0.056	ppbv	
22) trans-1,2-Dichloroethene	4.468	96	1940m	0.043	ppbv	
23) Vinyl Acetate	4.626	43	2757m	0.058	ppbv	
24) 1,1-Dichloroethane	4.584	63	3038m	0.032	ppbv	
25) Ethyl Acetate	5.230	43	156853	0.684	ppbv #	76
26) Hexane	5.234	57	209261	2.150	ppbv #	38
29) Chloroform	5.285	83	5403m	0.038	ppbv	
34) 2-Butanone	4.825	43	5807m	0.048	ppbv	
35) Carbon Tetrachloride	6.510	117	4820m	0.037	ppbv	
39) 1,2-Dichloropropane	7.095	63	2861m	0.039	ppbv	
57) Chlorobenzene	11.536	112	6525m	0.041	ppbv	
59) m/p-Xylene	12.359	91	8411m	0.038	ppbv	
63) 1,1,2,2-Tetrachloroethane	13.066	83	3026m	0.035	ppbv	
75) 1,3-Dichlorobenzene	16.346	146	4897m	0.033	ppbv	
76) 1,4-Dichlorobenzene	16.484	146	5158m	0.034	ppbv	
78) Hexachloro-1,3-Butadiene	22.641	225	6958m	0.062	ppbv	
79) Naphthalene	21.394	128	8065m	0.049	ppbv	
80) Naphthalene,2-methyl-	24.397	142	4404	0.071	ppbv #	81
81) 1,2,4-Trichlorobenzene	21.162	180	4834m	0.044	ppbv	

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

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