

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL011623\
 Data File : VL040103.D
 Acq On : 16 Jan 2023 18:28
 Operator : SY/MD
 Sample : 01143-01DUP
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 BH1N3

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 01/17/2023
 Supervised By :Mahesh Dadoda 01/17/2023

Quant Time: Jan 17 05:33:13 2023

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL011623AIR.M

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

QLast Update : Mon Jan 16 14:40:47 2023

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.195	49	1008960	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.661	114	2513194	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.481	117	2250002	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.789	95	1804697	9.651	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	96.500%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.722	85	251481	1.421	ppbv	97
3) Chlorodifluoromethane	2.664	51	416425	3.441	ppbv	97
4) Chloromethane	2.806	50	40586	0.543	ppbv	95
11) Trichlorofluoromethane	3.562	101	847828	4.802	ppbv	94
12) 1,1,2-Trichlorotrifluo...	4.070	101	28534m	0.215	ppbv	
13) Ethanol	3.237	45	154667	33.421	ppbv	96
15) Acetone	3.468	43	295837	2.445	ppbv #	86
18) 1,1-Dichloroethene	3.877	96	78006m	1.353	ppbv	
20) Methylene Chloride	3.931	84	285143	5.341	ppbv	97
22) trans-1,2-Dichloroethene	4.446	96	21206	0.360	ppbv	94
26) Hexane	5.214	57	201167	2.156	ppbv #	38
28) Methyl tert-Butyl Ether	4.597	73	124686m	1.188	ppbv	
29) Chloroform	5.272	83	61463	0.412	ppbv	85
31) cis-1,2-Dichloroethene	5.079	61	900640	9.972	ppbv	97
32) 1,1,1-Trichloroethane	6.008	97	21675	0.143	ppbv #	84
36) Benzene	6.378	78	45483	0.245	ppbv	97
38) Trichloroethene	7.301	130	4555426	43.157	ppbv	99
52) Tetrachloroethene	10.632	164	2638838	43.372	ppbv	99
53) Toluene	9.237	91	62096	0.313	ppbv	98

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

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