

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL012324\
 Data File : VL041001.D
 Acq On : 23 Jan 2024 18:07
 Operator : SY/MD
 Sample : P1211-02DUP
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA1DUP

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 01/24/2024
 Supervised By :Mahesh Dadoda 01/24/2024

Quant Time: Jan 24 01:00:47 2024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL012324AIR.M

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

QLast Update : Wed Jan 24 00:50:15 2024

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.156	49	992346	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.616	114	2590053	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.420	117	2178547	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.732	95	1589402	9.659	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	96.600%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.703	85	105237	0.480	ppbv	94
4) Chloromethane	2.784	50	29213	0.467	ppbv	96
7) Chloroethane	3.169	64	33345	1.510	ppbv	91
9) Propene	2.677	41	290961m	5.315	ppbv	
10) Heptane	7.539	43	52243	0.388	ppbv	95
11) Trichlorofluoromethane	3.533	101	40293	0.228	ppbv	84
12) 1,1,2-Trichlorotrifluo...	4.038	101	8623m	0.067	ppbv	
13) Ethanol	3.218	45	5206942	399.068	ppbv	93
15) Acetone	3.433	43	6590198	51.932	ppbv	98
19) Isopropyl Alcohol	3.555	45	14619318	199.017	ppbv #	95
20) Methylene Chloride	3.906	84	157163	3.218	ppbv	95
26) Hexane	5.176	57	152995	1.560	ppbv #	48
29) Chloroform	5.240	83	22335	0.128	ppbv	99
34) 2-Butanone	4.748	43	716069	5.803	ppbv	100
35) Carbon Tetrachloride	6.452	117	11495m	0.067	ppbv	
36) Benzene	6.330	78	57253m	0.268	ppbv	
41) Tetrahydrofuran	5.513	42	1571537	18.757	ppbv	98
44) 2,2,4-Trimethylpentane	7.282	57	48217m	0.134	ppbv	
52) Tetrachloroethene	10.577	164	8411m	0.118	ppbv	
53) Toluene	9.182	91	447157m	1.908	ppbv	
58) Ethyl Benzene	12.047	91	34747m	0.119	ppbv	
59) m/p-Xylene	12.301	91	103123m	0.404	ppbv	
60) o-Xylene	13.008	91	37257m	0.152	ppbv	
74) 1,2,4-Trimethylbenzene	16.060	105	29138m	0.106	ppbv	

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

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