

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL020924\
 Data File : VL041058.D
 Acq On : 9 Feb 2024 15:06
 Operator : SY/MD
 Sample : P1420-03
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA3DUP

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 02/12/2024
 Supervised By :Mahesh Dadoda 02/12/2024

Quant Time: Feb 12 00:47:18 2024

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

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

QLast Update : Mon Feb 12 00:40:04 2024

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.188	49	1122077	10.000	ppbv	0.01
33) 1,4-Difluorobenzene	6.648	114	3065263	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.468	117	2702445	10.000	ppbv	0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.773	95	2035500	9.972	ppbv	0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.700%
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.726	85	107925	0.435	ppbv	98
3) Chlorodifluoromethane	2.668	51	48437m	0.257	ppbv	
4) Chloromethane	2.809	50	80894	1.144	ppbv	98
11) Trichlorofluoromethane	3.555	101	39369	0.197	ppbv	91
13) Ethanol	3.240	45	10146497	687.735	ppbv	96
15) Acetone	3.462	43	2194130	15.291	ppbv	98
17) tert-Butyl alcohol	3.889	59	43085m	0.366	ppbv	
19) Isopropyl Alcohol	3.584	45	5405364	65.077	ppbv #	96
20) Methylene Chloride	3.925	84	126663	2.294	ppbv	93
26) Hexane	5.211	57	112624	1.016	ppbv #	49
29) Chloroform	5.269	83	146895	0.747	ppbv	91
34) 2-Butanone	4.783	43	53040	0.363	ppbv	92
35) Carbon Tetrachloride	6.491	117	13198m	0.065	ppbv	
36) Benzene	6.368	78	114486	0.452	ppbv #	90
44) 2,2,4-Trimethylpentane	7.330	57	41076m	0.096	ppbv	
52) Tetrachloroethene	10.619	164	4602m	0.055	ppbv	
53) Toluene	9.217	91	123317	0.445	ppbv	99
59) m/p-Xylene	12.349	91	56086m	0.177	ppbv	

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

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