

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL021025\
 Data File : VL041990.D
 Acq On : 10 Feb 2025 16:17
 Operator : SY/MD
 Sample : Q1303-03DUP
 Misc : 400mL/MSVOA_L
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA1DUP

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 02/11/2025
 Supervised By :Mahesh Dadoda 02/11/2025

Quant Time: Feb 11 01:25:36 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL011425AIR.M

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

QLast Update : Tue Jan 14 23:15:42 2025

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.784	49	140524	10.000	ppbv	-0.01
33) 1,4-Difluorobenzene	3.956	114	401797	10.000	ppbv	-0.02
55) Chlorobenzene-d5	8.876	117	348109	10.000	ppbv	-0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.371	95	254755	9.291	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	92.900%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.496	85	8134	0.425	ppbv	98
4) Chloromethane	1.532	50	4532	0.630	ppbv	97
9) Propene	1.486	41	20213m	2.447	ppbv	
11) Trichlorofluoromethane	1.875	101	4651m	0.234	ppbv	
13) Ethanol	1.719	45	671196	1109.332	ppbv	88
15) Acetone	1.833	43	2302565	136.424	ppbv #	58
17) tert-Butyl alcohol	2.043	59	3265m	0.157	ppbv	
19) Isopropyl Alcohol	1.884	45	1251226	125.031	ppbv #	27
20) Methylene Chloride	2.059	84	10919	1.637	ppbv	91
25) Ethyl Acetate	2.833	43	545754	11.991	ppbv #	92
34) 2-Butanone	2.558	43	13370	0.523	ppbv	96
35) Carbon Tetrachloride	3.758	117	1873	0.074	ppbv #	79
36) Benzene	3.652	78	14946	0.406	ppbv	96
38) Trichloroethene	4.545	130	536m	0.037	ppbv	
52) Tetrachloroethene	8.222	164	19933	1.560	ppbv	94
53) Toluene	6.930	91	45259	1.127	ppbv	96
58) Ethyl Benzene	9.358	91	5362m	0.099	ppbv	
59) m/p-Xylene	9.529	91	12481m	0.286	ppbv	
60) o-Xylene	9.960	91	5619	0.130	ppbv	100

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

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