

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL051623\
 Data File : VL040442.D
 Acq On : 16 May 2023 17:43
 Operator : SY/MD
 Sample : 02793-01 8X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SG-1

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 05/17/2023
 Supervised By :Mahesh Dadoda 05/17/2023

Quant Time: May 17 05:15:43 2023

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL051623AIR.M

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

QLast Update : Wed May 17 05:12:40 2023

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.205	49	1011043	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.671	114	2403502	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.490	117	2071804	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.802 95 1686659 10.125 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 101.200%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.732	85	34454m	0.173	ppbv	
3) Chlorodifluoromethane	2.677	51	24935m	0.191	ppbv	
4) Chloromethane	2.816	50	19949	0.246	ppbv	94
9) Propene	2.703	41	30423	0.599	ppbv	88
11) Trichlorofluoromethane	3.568	101	25906	0.144	ppbv	91
13) Ethanol	3.240	45	343756	89.294	ppbv	89
15) Acetone	3.471	43	1167127	9.125	ppbv	99
17) tert-Butyl alcohol	3.902	59	16356m	0.128	ppbv	
19) Isopropyl Alcohol	3.587	45	62222m	0.999	ppbv	
20) Methylene Chloride	3.941	84	6577874	115.447	ppbv	88
26) Hexane	5.227	57	6504897	65.144	ppbv #	34
30) Cyclohexane	6.622	84	15897m	0.196	ppbv	
34) 2-Butanone	4.806	43	36160m	0.283	ppbv	
35) Carbon Tetrachloride	6.500	117	7615m	0.044	ppbv	
52) Tetrachloroethene	10.635	164	2263m	0.034	ppbv	
53) Toluene	9.249	91	215592m	1.046	ppbv	
59) m/p-Xylene	12.371	91	41353m	0.173	ppbv	
74) 1,2,4-Trimethylbenzene	16.140	105	53155	0.195	ppbv #	74

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

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