

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL080124\
 Data File : VL041481.D
 Acq On : 1 Aug 2024 16:59
 Operator : SY/MD
 Sample : P3445-02
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 AMBIENT-OUTSIDE

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 08/02/2024
 Supervised By :Mahesh Dadoda 08/03/2024

Quant Time: Aug 02 04:12:44 2024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072524AIR.M

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

QLast Update : Fri Aug 02 03:13:29 2024

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.192	49	938488	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.655	114	2465073	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.471	117	2241656	10.000	ppbv	# 0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.783 95 1751406 10.153 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 101.500%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.732	85	40267	0.249	ppbv	99
3) Chlorodifluoromethane	2.678	51	73557m	0.658	ppbv	
4) Chloromethane	2.816	50	38620	0.650	ppbv	94
9) Propene	2.710	41	55779m	1.087	ppbv	
10) Heptane	7.581	43	12518m	0.109	ppbv	
11) Trichlorofluoromethane	3.565	101	32318	0.225	ppbv	87
13) Ethanol	3.253	45	549547	119.802	ppbv	96
15) Acetone	3.468	43	1098866	10.305	ppbv	100
19) Isopropyl Alcohol	3.591	45	165058	2.648	ppbv #	1
20) Methylene Chloride	3.935	84	4391379	110.438	ppbv	92
26) Hexane	5.214	57	2189801	24.919	ppbv #	37
30) Cyclohexane	6.607	84	8149m	0.114	ppbv	
34) 2-Butanone	4.790	43	67799m	0.569	ppbv	
35) Carbon Tetrachloride	6.491	117	9289m	0.068	ppbv	
36) Benzene	6.369	78	52514	0.292	ppbv #	93
41) Tetrahydrofuran	5.558	42	13842m	0.203	ppbv	
44) 2,2,4-Trimethylpentane	7.333	57	61428m	0.204	ppbv	
53) Toluene	9.224	91	122478	0.610	ppbv	98
59) m/p-Xylene	12.346	91	54196m	0.243	ppbv	
60) o-Xylene	13.063	91	23081m	0.109	ppbv	
74) 1,2,4-Trimethylbenzene	16.117	105	28901m	0.116	ppbv	

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

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