

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL091823\
 Data File : VL040715.D
 Acq On : 19 Sep 2023 1:46
 Operator : SY/MD
 Sample : 04495-02
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 AMBIENT

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 09/19/2023
 Supervised By : Mahesh Dadoda 09/19/2023

Quant Time: Sep 19 05:25:29 2023

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091423AIR.M

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

QLast Update : Tue Sep 19 05:12:43 2023

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.198	49	1304095	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.658	114	3548933	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.471	117	2956482	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.780	95	2163708	9.472	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	94.700%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.738	85	124317	0.433	ppbv	95
3) Chlorodifluoromethane	2.684	51	291968	1.374	ppbv	91
4) Chloromethane	2.825	50	46734	0.575	ppbv	94
9) Propene	2.716	41	249271	4.073	ppbv #	58
11) Trichlorofluoromethane	3.571	101	60785	0.241	ppbv	95
13) Ethanol	3.246	45	830525	45.846	ppbv	96
15) Acetone	3.471	43	5520316	32.092	ppbv	93
17) tert-Butyl alcohol	3.896	59	70391	0.399	ppbv	99
19) Isopropyl Alcohol	3.587	45	841370	8.118	ppbv #	93
20) Methylene Chloride	3.944	84	134774	1.456	ppbv	94
26) Hexane	5.217	57	277792	2.118	ppbv #	46
29) Chloroform	5.282	83	89239	0.394	ppbv	91
34) 2-Butanone	4.796	43	244770	1.371	ppbv	93
35) Carbon Tetrachloride	6.500	117	13399m	0.055	ppbv	
36) Benzene	6.378	78	53945	0.205	ppbv #	83
53) Toluene	9.230	91	222249	0.801	ppbv	98
58) Ethyl Benzene	12.095	91	449410	1.333	ppbv	98
59) m/p-Xylene	12.349	91	1821978	5.756	ppbv	94
60) o-Xylene	13.063	91	704185	2.333	ppbv	99
61) Styrene	12.908	104	121726	0.962	ppbv	95
72) 4-Ethyltoluene	15.198	105	437193	1.292	ppbv	98
73) 1,3,5-Trimethylbenzene	15.355	105	456346	1.497	ppbv	94
74) 1,2,4-Trimethylbenzene	16.114	105	1550890	4.174	ppbv #	64

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

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