

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL071023\
 Data File : VL040517.D
 Acq On : 10 Jul 2023 21:54
 Operator : SY/MD
 Sample : 03535-03DUP
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA1DUP

Quant Time: Jul 11 02:10:59 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL071023AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2
 QLast Update : Mon Jul 10 16:32:00 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 07/11/2023
 Supervised By : Mahesh Dadoda 07/11/2023

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	5.195	49	979196	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.655	114	2442662	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.468	117	2072010	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.780	95	1603352	9.777	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.735	85	83032	0.424	ppbv	97
3) Chlorodifluoromethane	2.681	51	130171	0.839	ppbv	99
4) Chloromethane	2.819	50	35370	0.575	ppbv #	79
9) Propene	2.713	41	58636	1.104	ppbv #	75
10) Heptane	7.584	43	8954	0.076	ppbv #	1
11) Trichlorofluoromethane	3.571	101	45723	0.289	ppbv #	76
13) Ethanol	3.243	45	140902	12.188	ppbv	100
15) Acetone	3.472	43	901785	8.001	ppbv	94
17) tert-Butyl alcohol	3.896	59	26363m	0.226	ppbv	
20) Methylene Chloride	3.935	84	255438	5.328	ppbv	98
26) Hexane	5.218	57	169112	1.696	ppbv #	42
29) Chloroform	5.282	83	11901	0.072	ppbv #	75
34) 2-Butanone	4.796	43	52069	0.431	ppbv	95
35) Carbon Tetrachloride	6.500	117	11854m	0.081	ppbv	
36) Benzene	6.375	78	54183	0.276	ppbv	97
44) 2,2,4-Trimethylpentane	7.324	57	68337m	0.216	ppbv	
52) Tetrachloroethene	10.622	164	7002m	0.110	ppbv	
53) Toluene	9.224	91	434747	2.036	ppbv	99
58) Ethyl Benzene	12.089	91	64553m	0.248	ppbv	
59) m/p-Xylene	12.349	91	197196	0.850	ppbv	96
60) o-Xylene	13.060	91	89128	0.403	ppbv	99
61) Styrene	12.905	104	56714	0.556	ppbv	96
69) p-Isopropyltoluene	16.995	119	67445m	0.189	ppbv	
73) 1,3,5-Trimethylbenzene	15.355	105	28614	0.125	ppbv	96
74) 1,2,4-Trimethylbenzene	16.108	105	128175	0.481	ppbv #	64

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

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