

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL072623\
 Data File : VL040548.D
 Acq On : 26 Jul 2023 19:51
 Operator : SY/MD
 Sample : 03696-01DL 4X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV-16-20230719DL

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 07/27/2023
 Supervised By :Mahesh Dadoda 07/27/2023

Quant Time: Jul 27 01:52:05 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

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

Internal Standards						
1) Bromochloromethane	5.176	49	1062530	10.000	ppbv	-0.03
33) 1,4-Difluorobenzene	6.639	114	2794971	10.000	ppbv	-0.03
55) Chlorobenzene-d5	11.455	117	2512669	10.000	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	13.767	95	2002482	10.070	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.700%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.710	85	22039	0.104	ppbv	94
3) Chlorodifluoromethane	2.652	51	31163	0.185	ppbv	98
4) Chloromethane	2.793	50	9681	0.145	ppbv #	69
9) Propene	2.674	41	350934	6.087	ppbv	87
10) Heptane	7.571	43	43552m	0.342	ppbv	
11) Trichlorofluoromethane	3.542	101	13436	0.078	ppbv	95
13) Ethanol	3.218	45	310295	24.736	ppbv	100
15) Acetone	3.449	43	922098	7.539	ppbv	98
17) tert-Butyl alcohol	3.874	59	26745m	0.211	ppbv	
20) Methylene Chloride	3.919	84	140706	2.705	ppbv	83
26) Hexane	5.195	57	140890	1.302	ppbv #	53
29) Chloroform	5.256	83	438934	2.446	ppbv	97
34) 2-Butanone	4.771	43	110537	0.800	ppbv	96
36) Benzene	6.353	78	90707m	0.403	ppbv	
52) Tetrachloroethene	10.594	164	7679m	0.105	ppbv	
53) Toluene	9.208	91	275074	1.126	ppbv	99
58) Ethyl Benzene	12.076	91	69347m	0.220	ppbv	
59) m/p-Xylene	12.333	91	230507	0.819	ppbv	98
60) o-Xylene	13.047	91	83987m	0.313	ppbv	
69) p-Isopropyltoluene	16.989	119	46029	0.107	ppbv #	86
74) 1,2,4-Trimethylbenzene	16.098	105	89267	0.276	ppbv #	66

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

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