

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL072623\
 Data File : VL040546.D
 Acq On : 26 Jul 2023 18:27
 Operator : SY/MD
 Sample : 03695-01DL 4X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV-21-20230719DL

Manual Integrations
 APPROVED

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

Quant Time: Jul 27 01:51:43 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	5.179	49	1135210	10.000	ppbv	-0.02
33) 1,4-Difluorobenzene	6.642	114	2946021	10.000	ppbv	-0.02
55) Chlorobenzene-d5	11.458	117	2613550	10.000	ppbv	-0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.770	95	2087911	10.094	ppbv	-0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.900%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.710	85	31395	0.138	ppbv	91
4) Chloromethane	2.793	50	16115	0.226	ppbv #	75
9) Propene	2.674	41	222887	3.618	ppbv	91
11) Trichlorofluoromethane	3.546	101	15508	0.085	ppbv	96
13) Ethanol	3.224	45	43722	3.262	ppbv	89
15) Acetone	3.449	43	1818151	13.914	ppbv	97
17) tert-Butyl alcohol	3.861	59	407650	3.016	ppbv	99
20) Methylene Chloride	3.918	84	87018	1.566	ppbv	95
26) Hexane	5.201	57	64564m	0.559	ppbv	
27) Carbon Disulfide	4.108	76	60139	0.442	ppbv #	76
29) Chloroform	5.266	83	12968	0.068	ppbv #	64
30) Cyclohexane	6.594	84	35974m	0.374	ppbv	
34) 2-Butanone	4.771	43	1014188	6.967	ppbv	99
35) Carbon Tetrachloride	6.481	117	6190m	0.035	ppbv	
36) Benzene	6.359	78	145685	0.615	ppbv	96
50) 4-Methyl-2-Pentanone	8.176	43	990248	4.682	ppbv	97
51) 2-Hexanone	9.555	43	112646	0.753	ppbv #	96
52) Tetrachloroethene	10.606	164	6696m	0.087	ppbv	
53) Toluene	9.211	91	133881	0.520	ppbv	100
58) Ethyl Benzene	12.079	91	50503m	0.154	ppbv	
59) m/p-Xylene	12.336	91	173236	0.592	ppbv	95
60) o-Xylene	13.053	91	104039	0.373	ppbv	99
74) 1,2,4-Trimethylbenzene	16.105	105	45905	0.137	ppbv #	69

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

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