

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL091823\
 Data File : VL040701.D
 Acq On : 18 Sep 2023 16:24
 Operator : SY/MD
 Sample : 04402-02
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 ST-3

Manual Integrations APPROVED

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

Quant Time: Sep 19 05:19:19 2023

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

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 2023

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	5.208	49	1043552	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.671	114	2672014	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.484	117	2204657	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.793	95	1728577	10.148	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.500%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.742	85	116344	0.506	ppbv	100
4) Chloromethane	2.829	50	37636	0.578	ppbv	93
9) Propene	2.716	41	53983m	1.102	ppbv	
10) Heptane	7.597	43	59298	0.537	ppbv	99
11) Trichlorofluoromethane	3.581	101	50145m	0.248	ppbv	
13) Ethanol	3.253	45	1991487	137.379	ppbv	96
15) Acetone	3.481	43	2307792m	16.766	ppbv	
17) tert-Butyl alcohol	3.902	59	46153m	0.327	ppbv	
19) Isopropyl Alcohol	3.594	45	364868	4.399	ppbv #	1
20) Methylene Chloride	3.951	84	3049006	41.155	ppbv	98
26) Hexane	5.230	57	2160150	20.578	ppbv #	39
29) Chloroform	5.288	83	21524m	0.119	ppbv	
30) Cyclohexane	6.619	84	23978m	0.303	ppbv	
34) 2-Butanone	4.803	43	393249	2.926	ppbv	99
35) Carbon Tetrachloride	6.504	117	13049m	0.071	ppbv	
36) Benzene	6.385	78	155799	0.787	ppbv	95
38) Trichloroethene	7.311	130	74395	0.986	ppbv #	84
41) Tetrahydrofuran	5.574	42	184532m	2.678	ppbv	
44) 2,2,4-Trimethylpentane	7.346	57	341594	1.084	ppbv #	84
50) 4-Methyl-2-Pentanone	8.204	43	52780m	0.291	ppbv	
52) Tetrachloroethene	10.626	164	6920m	0.107	ppbv	
53) Toluene	9.237	91	982226	4.702	ppbv	99
58) Ethyl Benzene	12.101	91	71926	0.286	ppbv #	88
59) m/p-Xylene	12.368	91	222613m	0.943	ppbv	
60) o-Xylene	13.076	91	72750	0.323	ppbv	99
72) 4-Ethyltoluene	15.198	105	28865m	0.114	ppbv	
73) 1,3,5-Trimethylbenzene	15.368	105	37540m	0.165	ppbv	
74) 1,2,4-Trimethylbenzene	16.130	105	123047m	0.444	ppbv	

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

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