

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL110823\
 Data File : VL040823.D
 Acq On : 8 Nov 2023 23:15
 Operator : SY/MD
 Sample : 05275-01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 NT-IA-1

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 11/11/2023
 Supervised By : Mahesh Dadoda 11/13/2023

Quant Time: Nov 09 00:35:00 2023

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL101123AIR.M

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

QLast Update : Thu Nov 09 00:25:02 2023

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.211	49	999561	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.664	114	2589493	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.465	117	2111268	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.773	95	1507462	9.703	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.000%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.777	85	104974	0.596	ppbv	97
3) Chlorodifluoromethane	2.719	51	59342m	0.404	ppbv	
4) Chloromethane	2.854	50	28338	0.489	ppbv	95
9) Propene	2.748	41	95249m	1.746	ppbv	
10) Heptane	7.594	43	32040m	0.234	ppbv	
11) Trichlorofluoromethane	3.600	101	39324m	0.289	ppbv	
13) Ethanol	3.282	45	5264818	427.455	ppbv	100
15) Acetone	3.504	43	684517m	6.624	ppbv	
19) Isopropyl Alcohol	3.623	45	348802	5.244	ppbv #	42
20) Methylene Chloride	3.967	84	339509	7.888	ppbv	97
26) Hexane	5.237	57	1325231	12.807	ppbv #	41
27) Carbon Disulfide	4.156	76	12392	0.109	ppbv #	1
34) 2-Butanone	4.809	43	83413m	0.712	ppbv	
35) Carbon Tetrachloride	6.507	117	11563m	0.080	ppbv	
36) Benzene	6.381	78	103727	0.521	ppbv	95
44) 2,2,4-Trimethylpentane	7.330	57	103011m	0.306	ppbv	
52) Tetrachloroethene	10.613	164	2989m	0.037	ppbv	
53) Toluene	9.224	91	244282	1.031	ppbv	95
58) Ethyl Benzene	12.082	91	50188m	0.189	ppbv	
59) m/p-Xylene	12.343	91	117199m	0.536	ppbv	
60) o-Xylene	13.050	91	49066m	0.235	ppbv	
72) 4-Ethyltoluene	15.182	105	64058m	0.262	ppbv	
73) 1,3,5-Trimethylbenzene	15.349	105	52482	0.244	ppbv	98
74) 1,2,4-Trimethylbenzene	16.101	105	209869	0.894	ppbv #	71

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

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