

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL122123\
 Data File : VL040927.D
 Acq On : 21 Dec 2023 13:12
 Operator : SY/MD
 Sample : 05813-01DUP
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 10311DUP

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 12/22/2023
 Supervised By :Mahesh Dadoda 12/26/2023

Quant Time: Dec 22 00:06:13 2023

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL122023AIR.M

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

QLast Update : Thu Dec 21 07:32:42 2023

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.185	49	1187871	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.636	114	2999505	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.436	117	2461896	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.745	95	1750981	9.656	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	96.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.755	85	105532	0.466	ppbv	97
3) Chlorodifluoromethane	2.677	51	197957	1.107	ppbv #	67
9) Propene	2.732	41	320764	5.438	ppbv #	77
10) Heptane	7.558	43	159972	1.091	ppbv	95
11) Trichlorofluoromethane	3.571	101	38058m	0.215	ppbv	
13) Ethanol	3.253	45	1348050	90.597	ppbv	100
15) Acetone	3.481	43	1469134	10.312	ppbv	97
19) Isopropyl Alcohol	3.591	45	6877920	92.521	ppbv #	97
20) Methylene Chloride	3.941	84	251357	4.950	ppbv	96
25) Ethyl Acetate	5.205	43	364385	1.476	ppbv #	90
26) Hexane	5.208	57	329033	3.008	ppbv #	56
27) Carbon Disulfide	4.131	76	69052	0.466	ppbv #	95
28) Methyl tert-Butyl Ether	4.594	73	31862	0.314	ppbv #	91
30) Cyclohexane	6.590	84	62051m	0.680	ppbv	
34) 2-Butanone	4.783	43	101769m	0.641	ppbv	
35) Carbon Tetrachloride	6.484	117	11751m	0.063	ppbv	
36) Benzene	6.356	78	178010	0.759	ppbv	94
44) 2,2,4-Trimethylpentane	7.308	57	346038	0.869	ppbv #	85
53) Toluene	9.195	91	758774	2.918	ppbv	100
58) Ethyl Benzene	12.053	91	171762m	0.543	ppbv	
59) m/p-Xylene	12.317	91	517005m	1.922	ppbv	
60) o-Xylene	13.031	91	167738m	0.662	ppbv	
72) 4-Ethyltoluene	15.166	105	52141m	0.187	ppbv	
73) 1,3,5-Trimethylbenzene	15.320	105	39365m	0.164	ppbv	
74) 1,2,4-Trimethylbenzene	16.076	105	146415m	0.548	ppbv	

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

Manual Integrations

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