

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL102522\
 Data File : VL039794.D
 Acq On : 25 Oct 2022 19:13
 Operator : SY/AP
 Sample : N5227-13
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 M

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 10/28/2022
 Supervised By :Mahesh Dadoda 10/31/2022

Quant Time: Oct 27 16:28:03 2022

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL102422AIR.M

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

QLast Update : Mon Oct 24 20:00:55 2022

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.201	49	844617	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.658	114	2239596	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.468	117	1931848	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.773	95	1351371	9.833	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.300%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.748	85	18976	0.215	ppbv	89
9) Propene	2.713	41	623057	14.293	ppbv	91
10) Heptane	7.584	43	38232	0.366	ppbv #	84
11) Trichlorofluoromethane	3.581	101	28133	0.228	ppbv	96
13) Ethanol	3.266	45	50665m	16.183	ppbv	
15) Acetone	3.488	43	1146383	11.363	ppbv	100
19) Isopropyl Alcohol	3.600	45	33720m	0.713	ppbv	
20) Methylene Chloride	3.951	84	261093	6.803	ppbv	97
23) Vinyl Acetate	4.632	43	57705	1.484	ppbv #	64
26) Hexane	5.227	57	251836	3.071	ppbv #	37
27) Carbon Disulfide	4.144	76	73022	0.750	ppbv #	84
30) Cyclohexane	6.610	84	14727	0.219	ppbv #	67
34) 2-Butanone	4.809	43	149763	1.421	ppbv	92
35) Carbon Tetrachloride	6.497	117	9318m	0.073	ppbv	
36) Benzene	6.378	78	170829	0.990	ppbv	96
53) Toluene	9.227	91	318110	1.760	ppbv	99
58) Ethyl Benzene	12.092	91	61435m	0.279	ppbv	
59) m/p-Xylene	12.346	91	151278m	0.762	ppbv	
60) o-Xylene	13.063	91	68815	0.369	ppbv	99
73) 1,3,5-Trimethylbenzene	15.355	105	6730	0.035	ppbv #	75
74) 1,2,4-Trimethylbenzene	16.111	105	87391	0.402	ppbv #	70
75) 1,3-Dichlorobenzene	16.323	146	19949m	0.151	ppbv	
79) Naphthalene	21.381	128	23728m	0.178	ppbv	

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

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