

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL032822\
 Data File : VL038781.D
 Acq On : 28 Mar 2022 21:41
 Operator : SY/AP
 Sample : N2078-09
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 V-8

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 03/29/2022
 Supervised By :Mahesh Dadoda 03/29/2022

Quant Time: Mar 29 06:13:45 2022

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL032122AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Mar 29 2022

QLast Update : Mon Mar 21 17:09:26 2022

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.661	49	801352	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	7.169	114	2191758	10.000	ppbv	0.00
55) Chlorobenzene-d5	12.076	117	1987203	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.404	95	1482037	9.727	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.300%
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	3.051	85	33554	0.311	ppbv	95
3) Chlorodifluoromethane	2.993	51	26649	0.315	ppbv	96
4) Chloromethane	3.141	50	23552	0.507	ppbv	98
9) Propene	3.012	41	422619	10.343	ppbv	99
10) Heptane	8.115	43	317035	3.246	ppbv	97
11) Trichlorofluoromethane	3.948	101	25840	0.272	ppbv	95
13) Ethanol	3.597	45	919524	204.005	ppbv	100
15) Acetone	3.851	43	108779m	1.573	ppbv	
20) Methylene Chloride	4.343	84	55476	1.905	ppbv	92
26) Hexane	5.684	57	694030	8.906	ppbv #	39
30) Cyclohexane	7.128	84	179748	2.653	ppbv	92
34) 2-Butanone	5.243	43	35862	0.413	ppbv #	90
35) Carbon Tetrachloride	7.012	117	5796m	0.046	ppbv	
36) Benzene	6.880	78	851680	5.035	ppbv	98
44) 2,2,4-Trimethylpentane	7.864	57	1135628	3.998	ppbv #	87
53) Toluene	9.796	91	2534853	13.946	ppbv	100
58) Ethyl Benzene	12.696	91	427343	1.839	ppbv	94
59) m/p-Xylene	12.954	91	971324	4.780	ppbv	96
60) o-Xylene	13.680	91	284501	1.475	ppbv	98
64) n-propylbenzene	15.548	120	7940m	0.104	ppbv	
72) 4-Ethyltoluene	15.825	105	43658m	0.192	ppbv	
73) 1,3,5-Trimethylbenzene	15.986	105	25417m	0.122	ppbv	
74) 1,2,4-Trimethylbenzene	16.754	105	57502	0.254	ppbv #	75

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

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