

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL051722\
 Data File : VL039076.D
 Acq On : 17 May 2022 19:39
 Operator : SY/AP
 Sample : N2854-02DL 4X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 1161-8.01-IA-2DL

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 05/18/2022
 Supervised By :Mahesh Dadoda 05/20/2022

Quant Time: May 18 01:52:24 2022

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL050522AIR.M

Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_LThu May 0

QLast Update : Thu May 05 10:12:15 2022

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.677	49	899366	10.000	ppbv	0.01
33) 1,4-Difluorobenzene	7.185	114	2065198	10.000	ppbv	0.01
55) Chlorobenzene-d5	12.095	117	1737860	10.000	ppbv	0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.423	95	1427332	10.371	ppbv	0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.700%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	3.063	85	18132m	0.129	ppbv	
3) Chlorodifluoromethane	2.999	51	197393	1.769	ppbv #	83
4) Chloromethane	3.150	50	9148	0.164	ppbv #	79
9) Propene	3.034	41	41183m	0.845	ppbv	
10) Heptane	8.137	43	31308m	0.262	ppbv	
13) Ethanol	3.607	45	463363	134.348	ppbv	94
15) Acetone	3.857	43	658582	7.763	ppbv	92
19) Isopropyl Alcohol	3.976	45	338671	8.396	ppbv #	93
20) Methylene Chloride	4.359	84	34070	1.066	ppbv	93
26) Hexane	5.693	57	106200	1.177	ppbv #	45
29) Chloroform	5.758	83	15804m	0.108	ppbv	
34) 2-Butanone	5.259	43	95544	0.907	ppbv	92
36) Benzene	6.902	78	48184	0.273	ppbv #	86
41) Tetrahydrofuran	6.073	42	46875m	0.662	ppbv	
44) 2,2,4-Trimethylpentane	7.877	57	100346	0.324	ppbv #	86
50) 4-Methyl-2-Pentanone	8.777	43	26813m	0.145	ppbv	
52) Tetrachloroethene	11.230	164	3195m	0.051	ppbv	
53) Toluene	9.815	91	400649	2.023	ppbv	98
58) Ethyl Benzene	12.719	91	81603	0.326	ppbv	99
59) m/p-Xylene	12.976	91	253039m	1.185	ppbv	
60) o-Xylene	13.693	91	84155m	0.419	ppbv	
74) 1,2,4-Trimethylbenzene	16.767	105	61451m	0.272	ppbv	

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

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