

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL051722\
 Data File : VL039079.D
 Acq On : 17 May 2022 21:38
 Operator : SY/AP
 Sample : N2854-04
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 1161-8.01-SG-5

Manual Integrations
 APPROVED

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

Quant Time: May 18 01:54:19 2022

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

Quant Title : AIR ANALYSIS BY METHOD TO-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	5.674	49	837662	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	7.179	114	1941893	10.000	ppbv	0.00
55) Chlorobenzene-d5	12.082	117	1674530	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.416	95	1415292	10.672	ppbv	0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	106.700%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	3.057	85	39956	0.304	ppbv	95
3) Chlorodifluoromethane	2.999	51	84250	0.811	ppbv #	89
4) Chloromethane	3.150	50	28780	0.553	ppbv	89
9) Propene	3.031	41	42581	0.938	ppbv	86
10) Heptane	8.124	43	99047	0.889	ppbv	89
11) Trichlorofluoromethane	3.960	101	30266	0.269	ppbv	96
13) Ethanol	3.603	45	856607	266.661	ppbv	92
15) Acetone	3.851	43	2057414m	26.038	ppbv	
19) Isopropyl Alcohol	3.967	45	704460	18.751	ppbv #	95
20) Methylene Chloride	4.353	84	53045	1.781	ppbv	95
26) Hexane	5.693	57	142707	1.698	ppbv #	45
30) Cyclohexane	7.137	84	18818m	0.267	ppbv	
34) 2-Butanone	5.250	43	249391	2.517	ppbv	97
35) Carbon Tetrachloride	7.031	117	9668m	0.076	ppbv	
36) Benzene	6.896	78	176674	1.063	ppbv	97
41) Tetrahydrofuran	6.060	42	91684	1.377	ppbv	89
44) 2,2,4-Trimethylpentane	7.873	57	375090	1.286	ppbv #	91
50) 4-Methyl-2-Pentanone	8.758	43	62669m	0.361	ppbv	
53) Toluene	9.806	91	2320382	12.458	ppbv	100
58) Ethyl Benzene	12.706	91	540441m	2.243	ppbv	
59) m/p-Xylene	12.966	91	1776313	8.634	ppbv	99
60) o-Xylene	13.693	91	618649	3.195	ppbv	98
61) Styrene	13.526	104	11221m	0.109	ppbv	
72) 4-Ethyltoluene	15.834	105	198728	0.901	ppbv	99
73) 1,3,5-Trimethylbenzene	15.992	105	127070m	0.640	ppbv	
74) 1,2,4-Trimethylbenzene	16.757	105	495296	2.277	ppbv #	66
79) Naphthalene	22.201	128	30085m	0.170	ppbv	

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

Manual Integrations

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